FIS WANSHAMAR

Volum: 7- Issue # 37/38 - July 2003

Dear FRS-Holland Friends!

W W Pelcome, we are in the middle of a very hot Summer and in front of

Wy year weap collocut of the FES Newdonier. I must share I con't fed very combrished knowing than clinic to the first on being published to very combrished knowing than clinic to be in published to be a reason of more than the contract of the contract of

there are not that many written radio publications covering SW Fee Radio and News from around the World. No doubt we will continue in future, the next edition will be published lose September' early October

With the Durit numberate silve-string several PA & AAM Regency peakage is a number of commercial annels autonome, and core on a very long proficed of a number of commercial annels annels annels of the conference of the conference of the control of the conference o

FRS BROADCASTING ACTIVITIES

A feebrar invokent was journed February 2344; Physpollogic von counted and contact plan follows the offer two promotes February 2344; Physpollogic von Counter Medicands, Belleman (1994), and the season of the counter Medicands (and Giuspopomento, we haven't been on de with a regular follows of the counter of the counter

E-MAIL ADDRESS: < frs.holland@hccnet.nl >.
P.O.Box 2702, 6049 ZG Herten, the Netherlands

SW FREE RADIO SCENE

General

In this Summer edition we cover the period lansary - late July 2003. It's obvious no X-Mas news has been included, we prefer concentaring on the news from the March-July period (with a few exceptations...). Propagation

Summer is here find that means during daytime poor conditions on 48 & 41 incites. Additivity on 41 metres has been very low histly. This is in continus with reception possibilities during evenings when the 48 metre band is open and stated as set often booming in, even whon power is limited to 10 or 20 withal Might time reception will be gitting swore towards separative when daytime reception will out on a power towards separative when daytime reception will continue to the power towards separative when daytime reception will come again improve. On higher fired daytime reception is very poor all present times. That will also change in an anxieta for the

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ETHERFLITS

March 2003 the Dutch pirate radio world was completely knocked out by a press bulletin from the Dutch Telecom Agency This government-controlled body is responsible for tracking down illegal radio stations (amongst other duties). It was announced that as from Morch 12th onwards the Telegorn Amney (part of the Ministry of Trade and Industry) would be starting a project called Etherfus. The project aims at wiping out the great number of illegal stations within the Netherlands, however, in particular in the North-East part of the country. In addition the authorities are counteracting illegal FM broadcasts in a different way. Formerly they were emphasizing on preventing and remedying jamming. Now their main goal is specifically aimed at counteracting illegal broadcasts. Despite all the great efforts of the past, The North-East of the Netherlands is the region with the highest concentration of strate radio stations. The Etherflits project's main goal is that all officers of the Telecom Assesses are joining forces for a twelve month period trying to track down and punish every possible way of illegal broadcastingin the North East region. As said, formerly their actions were mainly linked with meerfeeence and isturning. Terrestrial from an monitored day and meht. And when any illeval broadcast is monitored, the Armey will react fast and adequately. Penalty-s could amount to € 1100. Is a printe repeatedly tracked down, then the penalty could senount to e 1100, as a prime represent y was senounced or could be doubted. Kick off of the Etherflits project was March 12th March 2003: The Dutch pirates started their own action "Tegenflits" (Opposite

Fladh, a kind of inn Eiberflin scene. A jourt website was set up to give vent to their ingres. Sopporters are about to beach the Tegenillis school guinted the suthernees. Co-ordinator Murtility de Rooy, claims the princes are needed to guerantee a diverse choice of increasing and the stones. In case the typical Dush printer disappear, people are deprived of the kind of imazie only played by these parties. Merit Albid a demonstration was organized in the Image, only by these parties. Merit Albid a demonstration was organized in the Image. Albid was the saless that the contract of the Image and Image

in the Northern-Eastern region.On their internestic < www.genitschiptektormal) = upletse are being published including liques of the number of confiscated transmitters. However, the Agetey underlines that the number of light lamonitatives being conflicated is not a way of measuring their success. The percordage of illegal terms as the only way of measuring the degree of success.

Rednesday April 23rd 2003 the Telecom Appeny joint forces with the regional Emmin & Hospitzeron police with a hist-and-ura radia action in the province of Deruthe At the same remonst 10 different locations were raised. All locations were already trusted down and selectified as being adverses used for the purpose of illegal transmissions. Six fairly powerful FM tos were confused, at 4 addresses no equipment was form. Clever princes? Wednesday Anne 12th at 4 addresses no equipment was form. Clever princes? Wednesday Anne 12th 12th April 25th April 25

FRS NEWSLETTER

SW Free Radio...

Dath admirities have been discussing the axioms against the Dath plants in the gramment. He made that is not proficient as empoyment as most arrange that the gramment is the range of the section of the profit of

May 4th. A kt of printe redio station; have already been bested by the Dush-Ageny Histone. The counter his renched 60 The last few that were mided, were stations treasmitting with govern varying between 0.6 and 5 kW on the were stations treasmitting with govern varying between 0.6 and 5 kW on the were stations treasmitting with govern varying between 0.6 and 5 kW on the were stations to the station with the station of the stations and increased as 10 kB. Remarkable: at least 10 stations were raised since than once. Money, except, seecy... Set to the he following website for more into fur Dush'y

 www.agentuchap-telecom.nl/informatie/publicaries/ etherfilts/archief >.
 So what was the result for the Dutch Free Radio some on SW since the introduction of the Project Etherflits? Knowing that the majority of Dutch SW strongetion of the Project Committee Converge to the Converge to the Project stations are concentrated in the North-East region and knowing that the Project Etherflits' main purpose is to clean that same region from (mainly FM) pirates, it must be clear that most of the powerful SW pirates don't take the risk to be saided. Since late March/early April the SW airwayes aren't commonweled anymore. Just take Radio Alfa Luria as a clear example. Usually the station is active each weekend. Since a few months the station has proved its equipment elsewhere resulting in zero activity. But also lots of other stations have become completely inactive! An unpleasant sensation for both station OPs and Does throughout Europe. Time will learn what the future will be, SW Free Radio in the Netherlands won't disappear but is clearly dealing with a major blow Many of you will probably remember the revival of Radio Nord in 1991 on 6206 kHz on several Sundays. The man behind that project and a long time todio personality in Sweden, Lusse Karlston, has passed away on New Years Eve (Stig Hartvig Nielsen).

El The 2013 BANKELE-ANSANI SIMMIPROPETING was a reconstruction of the control of

SW ADDRESSES ** SW ADDRESSES ** SW ADDRESSES ** SW ADRESSES

- 1 = P.O.Box 2702, 6049 ZG Herten, the Netherlands 3 = POBox 663, 7900 AR Hoogsveen, The Netherlands
 - 4 = POBox 130, 92504 Rueil-Cadex, France.
- 5 = POBox 1136, D-06201 Merseburg, Germony (new!) 10=SRS, Ostro Porten 29, 442 54 Yiterby in Sweden

Due the AT actions (see chewhere) RADIO ALFA LIMA INTERNATIONAL (3) has moved its transmitting equipment to a secret and sixer place. So No AMS Lams international in the very near future or those rigidar frequencies 15070 kHz and between 6300 and 6300 kHz but... RAL will return somethay, that's fee sure! Updates and other information on this topic will be put on the webpage of AMS Limin is to "gwwalthorings! For

question E-mail as < info@infamilium.ags > 0 just give as a call between 07.00
UTC and 2.00 UTC on the number > 11 of 95 08 08 a call between 07.00
BAPOLLO ESS uses the following E-mail add < galentis Sightness from one of the Color of the

EMINO ALLACIES from British in the North-Eastern region of the Northerlands to one of the (too) many stations using that name. The stations was hered with a very powerful signal on Sun March 2nd on 6272 kHz. Late Oct. 2002 can a station on 48 metres using the name Allaties and announcing the POBox 128, 9410 AC Bellon address. Could have been the same station. Sat March 8th Advantes was using 6207.

□ BAMO DEDEBRINTER (1) was based with rone; goods San July Den on CSTD Steep cours common, Bacheliner was observed on the control of the

☐ Jane 29th BRITAIN RADIO INT propped up on 0235 via JRR's relay facilities. IRBI case of the facilities like late of the standard but informatically just active anymore with own equipment mountaines. Also on also March 30th & April 19th 6235 relays were noted with nice signals on the continent.

■ Some montals up 02_LASSIC_BRODE_RADIO amounted to close down. The station was mainly active in 2002 with powerful 41 mb brank-casts on 2470/1475 kHz, or coments write authore, the webbles is also closed.

2-FO '14'1. Vit. You cannot write a syrrors, the website is also closed of the company of the property of the company of the company of the company of the format of the company of the co

As Constituted comp.

Fir July 11th a new station was beard on 6306: BARK STRANGERS

63010. Signal quality was rather poor. No address into was given out

50. Subban Forevary shifts have Landon. DELETIEL, on a second se

PALISES 196, 4797 No. Assessment in the research section of 196 April 196 Ap

table has been need a sum to be read as a sum of the read as the read as the read as a sum of the read as a sum of

EXAMPLE VIEW AND make in dispersion are (1677) it for first Spatients and the regular time of the Spatients and the regular time and the breakdament and the Spatients and the regular time of the Spatients and the regular time of the Spatients and the Spatients and

could read, must a study set of the properties of the position of the could be considered from a study of the properties of the position to the could be compared from a study of the position to the could be compared from the position of t

nours starting at 21:00 CEST (19:00 UTC). Ahead of the upcoming trm, an Enail will be sent to a great number of DXers informing them with details E Belginn EXTREME RADIO amounces to be back on SW. Last lest transmission was arred on Friday May 30th 2003 between 10 and 12 AM ,with only 3 wats (PA failed) and bad modulation. Future plans include broadcasts one or two times a month on the 76 meterband from a well hidden place in Relation. These transmissions will go on a friday or saturday (sunday) night. Antenna self mode horizontal tran antenna, about 7.62m (25 feed) high . Test freqs are 6400, 6299, 3936 & 3996 kHz. For more details surf to <

vw xtrumeradio/2003 tk > or E-mail to < xtromeradio/diffreemail nl RADIO FREE LIMBURG is a rare appearance on SW. Sat March 22nd saw the station on 6205 with a decent aignal. The station ID-ed with "This is the voice of Radio Free Limburg, we see broadcasting from the free Republic of Limburg between Belgium and Germany." No smithmil address is available, reception reports can only be sent via E-Mail < pa92@hetret.al >. FREE RADIO FROM THE NETHERLANDS is rarely to be heard on the SW bands. Sat January 25th saw the station on. 3501 kHz/76 metres with a

fair signal. Address is the well-known P.O.Box 65, 7260 AB Ruurlo in the Netherlands FREE RADIO SANTA CRUZ was noted via the IRRS's 13840 outlet Sat/Sun June 7th/8th So far the station wasn't heard in Europe and the USA. Surf to the homeospe < got net/-savier/frsc/ > and you will find out that FRSC describes itself as an unlicensed station broadcasting 7 days a week on 96.3 FM in the Santa Cruz area. Add is P.O.Box 7507 in. Santa Cruz CA.

USA E-Mail: < fisc@course.com >

RADIO GALAXY from the Netherlands is using a new automor the famous zipetro ch-untenna with its 54 cm not only very small but also ideal for for mobile use on the 7 MHz band Possible freq is 7172 kHz For pictures of this antenna surf to < www.goorities.com/swrgoloxy/page2.html >. More news: Galaxy amounced a series of new broadcasts on 41 meters live from Dutch waters for the month of June. In addition the station will commence AM tress in the 1500-1620 kHz freq range using a homebrew 2x EL84 transmitter.

For reception reports or if you request info send an E-mail to: < For reception reports or it you request into send an E-mail to: <
versalsas/@nahou.com >.

British RADIO GERONIMO (10) has been heard from time to time on various froat. San January 13th 9330 kHz was in use not after 12.00 UTIC with a repeat of one of the Dave Scott shows. Dave Scott used to be the key-figure

behind the popular Radio Apollo in the 1980s. The signal was pretty strong in Yorkshire but rather poor in Scotland HUK-based GOOD MUSIC RADIO returned after a long absence on 6280 Signal quality varied between poor and good. Add as P.O.Box. 3936, CO4 3XW Essex, Colchester. UK. It seems the station is pather infamous

shee it comes to replying to listeners' reception repo Apart from the SW bands, Dutch RADIO INTERSOUND can also be heard on the Internet. The station is on the Internet via <
www.intrroundrado.jk > Currently statems problems prevent the statem from transmitting on 48 metres. E-mail is < intersoundradio@hotraell.com > No snaitmail add is available at present time. Intersound was heard during several occasions on 48 metres, for instance March 9th on 6270 kHz and April

6th on 6316 Also in 2003 RADIO KORAK INT continues with Sat evening 3927 kHz trms. Sat June 28th/ Sat July 12th & 19th saw the station with the usual strong

signals on 76 metres. Address remains P.O Box 134 in 3780 BC Voorthuizen, the Netherlands E RADIO LIKEDEELER is one of Germany's most regular stations on 48 metres. The station can be heard all over the 48 mb with a wide variety of musical tastes ranging from pop to funk and from soul to schlagers. It's a one

man operation mostly producing nice signals from mobile sites. Often Likedceler is doing form trans with fellow Dutch and/or German FR statuer for instance with Spacemen on 6306. March 15th, Add is P.O.Box 73, 7160 AB Needs in the Netherlands Dutch Radio Monza was heard with its very first SW trm on 6306 Sun March 16th Signal quality was badly affected by fading. The station located in the North-Eastern region of the Netherlands gave up FM time in favour of SW (after visits from the authorities). Website: < www.johnharra.nl > E-mail: < monzandio@heemail.com > The station is using a R&S SK-010 tx with some

RADIO MORNINGSTAR is now on < www.radiomomingstartk >. RADIO MANUEL uses thefollowing E-mail add

interrutional@yahoo.com.au >. E RADIO MARABU- Europe's radio station for alternative music- was heard in February and March testing the 5935 kHz 100 kW shortwave outlet of

Laser Radio based in Lithusma. Dates were: Febr. 16th, March 2nd, 16th & 30th between 16 00-17 00 UTC. We are not sure whether Marsbu will continue via Laser Radio. A while ago the UK organisation armounced a change of frequency to the 31 mb but it looks like they met with problems. Laser Radio hasn't been heard via 5935 for already a number of months. April 13th saw Muraba on 6310 via relay with a 26 been broadcast. Obviously 6310 was replaces 6210 which was used in the nast 12 months. Radio Marabu -Postfach 1166 - D 49187 Belm - Germany

mexamicBottmatLeom>.

E balan NEWS RADIO carried out tests on Sot/Sun March 15th & 16th Saturdaya a test was carried out between 2115-22.00 UTC on 21890 kHz with 200W in USB. More tests followed on Sundays 14.00-15.00 UTC. In Western Europe no signals were picked up. Add is P.O.Bex 29-CP, 25060

Crilatica-BS, Italy E-mail < c giancasprojatin.it >. E Popular British RADIO NOVA INT. (4) was only heard once in 2003: Sun Febr. 23rd the station from Terry Phillips was noted on 6210 with fine signals. The reason for the long off-air period is not known. A pity as Nova has always ut out a varied offer of decent programmers, E-mail is < miswisted.com >. RADIO OMROEP ZUID (5)) planned a test broadcast within the 17 mb kHz Saturday March 1st. The trm lasted from 14 00 UTC till 17.00 UTC. Target area was Scandinavia and the South of Europe, Early July ROZ was very active. Tue July 1st saw the station on 6260, Fit July 4th on 6285 and Sat July 5th on 6262 Address is (1) New E-mail add is < roz am@chello.nl > OZONE RADIO was surpraintly heard on 9334 kHz 31 metres on Sun ignal quality was far to good. A work later 7485 was in use but also on 9346 kliz Ozone was to be heard (not in parallel). This time both

signals were rather weak. April 13th Ozone used 6200 kHz for a change... Add is 85 Hillarde Rd West, Suffolk, NR35 RH in the UK. mail

bgs4ozme@compuserve.com P Good old RADIO PANDORA (10) from the UK was noted on 7475 kHz

Sun March 23rd Unfortunately the sugnal was rather weak on the continent The former OP of German Eastside Radio re-commenced a relay service on 6241 kHz 48 metres Sat/Sun Febr 22nd/23rd Main station to be heard that weekend was POWER 41 (5), Also heard were Stauder Radio & Star Club Radio. The tx was obviously drifting a little bit. Signal-strength was good. modulation was not ok Eversince Power 41 has been heard several times: March 16th (6240), March 23ed (6240) & March 30th (6240) During the latter date it was remounced that no less than 1000W of power were being used. This new ix was for the very first time use on Wednesday March 26th when an early evening test on 6240 resulted ma very strong signal April 13th Power was once again using 6240 with nice & strong signals E RADIO PIEPZENDER was raided Jon 12th. The station was testing on 48

metres with low power and after only having played two records police raided the station. An example of bad luck! The authorities tracked down a local FM pirate and following that raid they packed up the Piepzender on their sonhisticated receiver. The same lumpered with Radio New Wave in 1987! E RADIO PUNKSTATION (3) has been heard a couple of times on 41 metres 7520 kHz with a nower of some 40W. This new Dutch station uses (3)

and < punkstation@hotmail.com > Website: <
www.poccitics.com/ndopunkstation > As the name suggests the station plays
punk-lib: music from bands such as Sun41, Heideroosjes, Nirvana etc. punk-like music from bands such as Sum41, Henderotoges, renvaru es... P Q-163 (10) from Scandinavia was heard with strong signals on 13840 kHz in the IRRS) Sat June 28th. (via the IRRS) Sat June 28th.

Fil Some of you might remember SBC, the SATELLITE BROACASTING

COMPANY. Since a while SBC is active via the Internet via this URL: " www.wfor-media-service-commany.com >. During weekdays Mon- Fri from 22.00-23.00 UTC and on Sat 19.00-20.00 UTC. RADIO SPACEMAN can be irregularly heard on SW 48 metres but excellent signals. Sun June 29th the station was noted on 6308 kife. During the

Basele-Nassau meeting FRS' Peter V had a mee talk with the sympathic OP of the station. Add is P.O.Box 73, 7160 AB Needs in the Notherlands RADIO SPACESHUTTLE INT. amounced Special Misdsummer partners (with large amount of obscure music) on 48 metres for Thursday,

Fri, Sat and Sun June 19th- 22nd. June 19th RSI was on 6285 between 17.00-21.00 UTC, Finday 20th June pos were commenced at 14.00 UTC on 6280, at15.00 UTC on 6260, at 15.20 UTC on 6270 kHz and between 17.00-18.00 UTC on 6285 kHz. Both Saturday and Sunday 22.00-02.00 UTC the station was on 9326 kHz.All trms were carried out with very low power: approx. 10-15 watts. Address is RSL P O.Box 2702, 6049 ZG Herten in The Netherlands. Good news: now at least for a while Radio Spaceshuttle has also own web-pages. Surf to < spaceshuttle freeservers.com >

STUDIO ATLANTIS is a new (?) Dutch station originating from the North
Eastern region. Fri July 11th Atlantis was heard QSO-ing on 6308 with fellow

hobby pirates. Power scens to be 100W El Good old SUBTERRANEAN SOUNDS from the UK was noted on 6300 in the late evening of Fir July 4th. The usual speech-based format with alternative music (fazz, blues etc.) was noted. Signal-strength was good. Address ??

FRS NEWSLETTER

Caroline News..



was innounced.* Suprementing interferent production of the PRADIO TRINDEPRIBED (5) made its debute time Sun March 5th. Freq was 6523, a freq which is not the most common one those days. Signal quality was poorfarf to do runtal unterference with a UNO using 6544 tile.

B sun Jan 26th RADIO DR. TIM. (5) colectand 10 years on the air with a special broadcast on 6520. Already for Fin Jan 26th RADIO DR. TIM. (5) colectand 10 years on the air with a special broadcast on 6520. Already for Fin Jan 26th RADIO DR. TIM. (5) colectand 10 years on the air with a special broadcast on 6520. Already for Fin Jan 26th RADIO DR. TIM. (5) colectand 10 years on the air with a special broadcast on 6520. Already for Fin Jan 26th RADIO DR. TIM. (5) colectand 10 years on the air with a special broadcast on 6520. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast of 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the air with a special broadcast on 620. Already 10 years on the first on 620. Already 10 years on 620. Already 10 year

similaration Dr. Tim Interface Childrichiano ann GNS and the day after 4250 was been been Three differences (CA), were quarted to the interface of the Childrichiano annual control and the Childrichiano annual control annual control and the Childrichiano annual control annual co

IHz. Since early Dec. 2002, Tower had been silent! E-mail is < radiationer@lbeste.tal >.

El Sad news the time. Paul Johnson of the very well known station UK
RADIO died of a successed heart attack. He was 44 which is of course much

to young. The FRSH staff did send condolences via a special E-mail address see up by Alfeed of Alfa Lima Int.

2 Dusth RADIO VICTORIA (5) can be heard from time to time. San March 5th saw the station with a mice signal on the unusual (350 MHz. San March 16th 6285 was m use with a power of 25W San Anni 5th 6275 was in use and

16th 6285 was in use with a power of 25W. Set April 5th 6275 was in use and on the 13th 6205. E-mind add is https://interprinciple/seteria/shotmail.com >> © RADIO WAYES INT. (4) from France was heard using all day on 6275 Sun Febr. 9th. The station was heard with fairs' good signals. This is remarkable

as RWI has always been active outline the 26 mb (1100)) and 41 meters (monity 748), Also on the 9th of March & April 6th RWI was heard on 6275. San July 6th RWI was noted with file signals on 6200 Hz. E-Mail < pre>post | Property |

Emproper continued) on 6310 Star June 10th.The station is mostly to be heard on 7323: Star March 9th and March 90th poor signals were noted on 7325: Star March 9th and March 9th poor signals were noted on 7520: Star March 9th and March 9th, p. 8521 IP, Colerons, UK.

The E-Nati odd should be fifst one: < wmmos/327.com?

This year saw a definitive remain of UK-based WEST & NORTH KENT

By this year See a's trainfine return or to No about the SEE ALDIO on 44 mines. The station can be lead with proper gas introlling Andy Walker who's sho arther on CWE. Som then 26th WNICK was active on two freqo bring not in parallel with each other. 66th and 62st. The latter was clearly after bringen or WNICK has returned to a "each Senday" sequence. Signals are mostly fair, during evening hours the signal is readly strong CME and the strong of the state of the state

were considerated complex the Bollowing receives was received by E-mail from WREEN'S BADIO IXT. Like Robbing the receives was received by E-mail from WREEN'S BADIO IXT. Like Robbing the Badio IX to be personal received as Configuration WR. The Badio IX to the Configuration IXT or you can be compared to the Badio IX to the Badio IX

Company MADIO 48 was most on SW 48 metrics a couple of times. Febr. Most part of the process of

was run by Howard Bell. When a new law came into force, both Atlanta Radio and Radio 48 closed down. We heard from Howard Bell that two of the old pooks from the original Radio 48: Terry Rossa and lan Scott- have expressed an interest in restarting the old Radio 48.

CAROLINE NEWS

Rados Crabino UK reported that their service on Holende caused at miningles of suffer, 31 kH TH catental had been insorted to Centule by the West Wed Rodo Nicowsk to come the twented to Ferri 192 degrees to \$22 and to 181 when he had not been serviced to the service of the service of the service of the control of the service of the se

Worklepace is the only satellite system sending radio signals for portable radio sets and Radio Caroline is the first UK besedeaster taking a Worklepace channel. Caroline whostset www.radiocaroline.co.nk/news.htm > After the successful mitroduction of Caroline to the Sky network and the

After the increasing introduction of Cardenie to the Say network, and the following complaints about the sound quality which seems found to be ruber-less than expected, the Caroline station has now settled down to a new audience with report of more people listening to the station.

Wednesday, 2 July 2003

Ballis Chrolle has been momentate her necesser in the 21st century by societies.

states Custodic has been produced by rejective in the LHz custody's bearing the control of must of humanic descript their production of the set-stage appearance of the such Custodes control must be been switched from a still within the convent growth, and must of howards of their schilling intemp responsible convent growth, and must of howards of their schilling intemp report from the convention of the control of the control of the Rob Lephine, who presents the imagention them, indi⁴ 7th Seen or real for curvant presents on Kip, if must critical as the many were secured for curvant presence on Kip, if must default is an extra measurement of curvant presence on Kip, if must default is an extra a security of curvant presence on Kip, if must default is an extra a security and the control of the control of the control of the curvant presence on Kip, if must default is an extra control of the control of the curvant present of the control of the curvant present of the control of the curvant present the control of the curvant present the curvant of the curvant present curvant curvant curvant curvant present curvant cu

Roel Japer did sent in a report from one of his radio friends Roland, who did visit the Ross Revenge lately: "My mission on Sanday 6th July was to serk out and find the new mooring for the Ross Revenge. Not only did I find the ship but I later found myself on board looking at some of the work that the Northern repair group have been carrying out. On arriving at the jetty I saw some of the repair group loading the Caroline mini bus with all their kit. I walked down to the end of the pontoon and met up with Peter Clayton who was unloading the outboard dingly. I introduced myself and he invited me to take a ride out to the Ross moored over the other side of the river. I spent an eniovable two hours abourd with Peter showing me some of the work that they have carried out. I was impressed at the new galley that has been fitted which was donated by the Dutch symmeters. I also had a look at the work that has been carried out on the steering gear that was badly damaged when they went acround on the Goodwin Sands. Peter sold me that the move had come well taking about 4 hours escorted by two tugs and a pilot from the Medway Port authority. More desails about the move can be found on the premium phone line that has been undated, 1906-7669990. Well done to Peter's years of mem for all the hard work they have been dozer for so long. From Rockester Bridge you can see the ship on the opposite tide. From Strood turn left just before Rochester Bridge along Canal Road. From the Rochester side take the right hand lane over the bridge and turn right along Canal Road. There is a nontron on the right hand sade along Canal Road. There is amove barking in

Caroline via WBCQ
According to Al Weiner (July 16th) US commercial SW broadcaster WBCQ is
currently not carrying Radio Caroline but will be airing them in the future.
Most blicky on 17495 kHz.

the area. You can take photos from the postcoon,"

Ross Revenge
John and Jenny Knight from the Horizon and Caroline Sales did mention in
their last issue that still people are needed to work on the MV Ross Revenge as
a voluntor. A lot of painting has to be done as well as other restrictsonce work
So if you have some pure time this summer please loat them a bend Contact

On tyou mere some similar, < \circ \

NEWS from around.

former radio ship from Radio Cavolme has also ledt its moveing at Queenboungh (for above nob). Recome for rowing it way is that a moveing mantenance program is undertaken in The Medway Posts. When this is completed the authornies will review of beginning from the first of more money needed to save the ship. May 21st save the first little for Caroline funder Region CWahilite.

May 21st saw the 63rd birthday of Caroline founder Ronana O'Rahilly Congrats!

Dutch Radio Caroline

With the serve (and of May) of the father of the Dark Robo Coroline to serve an AM Programs and Inversed forming on the Darks robb restreet, the father date, and look very height for the Darks Robb Coroline, coppled with the Coroline of the Coroline of the Coroline of the Coroline, coppled with the Coroline of the Coroline of the Coroline of the Coroline, coppled with U.K. knows anything shout and the international section is the bringst space for the Coroline of the Coroline is to count on it is supported to the Coroline of the Corolin

MORE OFFSHORE NEWS

Now radio ship?

Now is dist for printer ands ship now to be returned MV Miritians and resistant all follows (i.e., a short rately to ep, with a new meaning having the real mindle due to the first three to see reposition entrolly adoubly adoed not be real mindle due to the first three to see reposition entrolly adoubly adoed not be real mindle due to the first three times reposite entrolly adoubly adoed not be the kicking control of the ship which has now been paradic a straining white and blue cole with the areal array in the same control. The error of servened and the cells with the areal array in the same control. The error of servened and the cells with the arrain large in the same control, and the error of the cole, when it plants are all the entrolled the same ship and the cells with the same ship and the cells with the same ship and the cells and the cells are all the cells eligible of points and extending the cells and the cells and the cells and the cells are all the cells eligible of points and extending the cells and the cells and the cells are all the cells eligible of points and extending the cells and the cells are all the cells and the cells are all the cells eligible of points and extending the cells and the cells are all the cells eligible of points and extending the cells are all the cells eligible of points and extending the cells are all the cells eligible of points and extending the cells are all the cells eligible of the cells are all the cells eligible of the cells are all the cells eligible of the cells are all the cells eligible to the cells are all the cells eligible to the cells are all the cells eligible to the cells are all the cells are all the cells eligible to the cells eligible to the cells are all the eligible the cells are all the

MV Communicator On March 27th 2001. The Super Station (TSS) accounted the radio whin MV Communicator for use as a radio station. The 190 ton shin- helt in 1954, is 62 metres long and has a width of 9m Unfortunately, any thoughts of broadcasting have been severely delayed due to yandals entering the chin and smashing up much of the equipment, leaving the new organisation with massive repair bills. On < www.acarolinecontral.com > (now defunct)the next unfo could be read at the end of April: 'Fresh information about the ex Letter 558 ship shows that the new unnamed British owner does not intend to scrap the ship if such can be avoided, but has a project for the vessel. However, his kopes have been dampened after contractors removed equipment that was not part of the sale inventory and left the ship open. In a remote location it was sary for vandals to board the Communicator and the has now been szienstwie looted and vandalised. A group of people, fascinated by the ship, have been visiting it on a regular basis to observe it's decline, but seeming have done nothing to guard the vessel or make it secure. On Sunday 27th April, structural engineers from Radio Caroline boarded the ship with the owners permission. It is thought that this team will first secure all openings to the ship and then see if some lighting and running water can be restored. They are hampered by the fact that the engine room is flooded and the ship is listing heavily to starboard having settled on an underwater obstruction at the ster It is not known if Caroline's intervention is a one off emergency gesture or the first phase of a permanent involvement."

The main priority at the moment is to bring the MV Communicator back from Permusbaven in the Netherlands to Essex, UK enabling TSS to carry out repairs and restore her to her former glory as a working radio ship. TSS reports: One of our plans is to relaunch "The Communicator Club" very soon. Membership of the club will provide you with an exclusive newsletter, trips to see the ship once the returns to the UK, and progress reports as a continue work on her. Discounts on merchandise will also become available Funds from the membership will help to finance the extensive repairs we need to carry out. Once repairs to the ship are complete, our aim is to launch a line twenty four hour radio station, broadcasting a musture of hot A.C. and soft rock. Very soon we will be publishing recently taken photographs of the ship. This will enable you to witness the scale of the damage, and give you an idea of the extent of repairs needed in order to make the dream of bringing this ship back to life a reality." The Dutch Necoma has dismantled the 50 kW Horris DY Series AM transm December 27th 1983 we first learned about the Communicator, January 19th

1984 the first tests including belium balloons linked with the antenna wires.

The nor extinct calls intel Law Proceedings on 729 kHz AM. May 20th 150 pcts to the time of the intellection of 750 kHz AM. May 20th 150 pcts to the 150 kHz AM. May 20th 150 kHz

So what not the plate with the Communication? The new owners want to related, the last goal and and soft to page and mutuation in Rules Antalows. A store by The Rolling Stones (Sele-8 a relativo) will, when they will be ever on the air, but the could be a state of feature and a a station is and They proclume they be ediney and set of feature and a state of the state

is the afternoon hours of Tuesday June 24th, the MV Communicator left the suchcarge of Almere harbour. She was towed to Ilmuiden harbour were

essential maintanance will be carried out.

In one of his programs on satellite Radio Caroline, Johnny Lewis sold that the
Communicator will be anchored next to the Ross Revenge to get two ships
together as a status for the history of Offshore Broadcastme.

If you are interested in an excellent series of recent Communicator photos covering the ship's departure from Almere heading for Urnaiden, then surf to the following websites: < members chellon/to darmave/communicator/cornny/html>.

NEWS FROM AROUND THE WORLD

Laser Radio

Some months ago we received an E-mail informing that Laser Radio would I changing to the new frequency 9520 kHz realiseing 5935. Despite the 100 000 Watts of power, 5935 kHz suffered from quite beavy interference from Radio Prague using the adjacent 5930 kHz (with possibly 250 or even 500 kW). In an official F-mail Laserradio mentioned "we are aleased to exposure a more to a new frequency for our European listeners. From April 13 you will be able to hear us on 9520 kHz with extended broadcost hours between 12:00 and 20.00 UTC. In order to carry out essential acrial maintenance our European service will be off the air Sunday March 30th and April 6h April Our North American service via WBCQ on 9330kHz from Maine is unaffected and will be on air as normal with a modified schedule" So far nothing did harmen and since March Laser Radio hasn't been heard on the Furenean SW airwayes. It might be caused by the fact the proposed move to 9520 experienced resistance from the ITC in Geneva being in charge of the frequency policy in Europe. When surfing to the Laser website < www.laserradio.net > all info regarding SW broadcasts has disappeared. Instead it reads that Laser Radio will be serving Amsterdam and surroundings on 1557 AM later this year. For some this might seem wend but that's not true knowing Laser Radio is connected to Raud Poeze's Quality Radio organisation having obtained several AM frequencies at the end of May when the Dutch government announced which stations/ organisations were the lucky ones. Rund Poeze is closely related to a number of British stations/organisations including... Laser Radio, According to the scant info on the website, Laser should commence trms on 1557 "later this

Tests on 1386 AM Radio Baltic Waves International (RBWI) from the Lithuanian capital Viluius

has confirmed conducting 'Chemed movier' transmissions on 1386 kHz, where an understriffed estation has been board playing non-step pers mane. The transmissions in since of 2000-1200 UTC and originates force a 25-kHowst Transmission in since of 2000-1200 UTC and originates force a 25-kHowst Transmission with the 2000-1200 UTC and originates force a 25-kHowst Transmission of 2000-1200 UTC and originates force a 25-kHowst Transmission of 2000-1200 UTC and the 2000-1200 UTC and the

RS NEWSLETTER

NEWS from around.



The Dutch Media Communication Foundation (Stichting Media The Duten Metta Communication Followards (communicatio = SMC) and Freewave Media Magazine both celebrate their 25th anniversary in 2003. The annual Radio day will be organised Saturday October 25th, usually Hans Knot & Rob Otthor are occurring this day in March Place to be for this special colobration day is the 'Artis Party Centre' in Amsterdam Fromwaye will be implacing two special editions large this year. In-September there will be an English language edition covering the various dests, demonstrations and organisations which were involved in the Fight for

Froe Radio. In June a special Fromuse aboto-edition came out.

New book Danish Offsbore radiostations Jane saw the introduction of a branchew book covering the Danish Offshore radiostations, Radio Mercur and DCR. The title of the book is "Pirater I rattern - Radio Mercur og Damarks Commercielle Radio Damsk.
Rekiameradio fra Bressad 1958-62° is in the bookstones in Denmark published by The Press Museum of Denmark and the University Press of Southern Deumark. The Press Museum - situated in Odense on Fanen - is presenting an exhibition on the offshore stations with pictures. television-recordings and audio from the Danish parates. The exhibition runs from June 14th until August 31st 2003. Check < www.radio-mercur.dk/ >.So now you know what to do if you're planning your summer holiday in Denmark!

Heavy Fine for US FM Pirate Most nirete radio stations are active within the Netherlands. But nireting on the pircurpor is not enterely a Dutch affair The US FCC Enforcement Office recently raided a New York based pirate station. Rawlins Charles who was in charge of the station was sentenced to pay

a \$ 10,000 (!!) penalty for putting a radio station on the air without license. The station broadcasted from Brookhyn, N.Y. on 97.6 MHz. AWR DX-Show From Sunday 6 July 2003 at 0900 UTC on AWR - Adventist World Radio (in Italian) a new 20 minutes weekly DX programme called "Studio DX" will be

on the air on 11880 kHz from Julich-Germany with 100 kW. The programme is dedicated to BCL, SWL and HAM world. Every correct reception report (both via mail or e-mail) will be confirmed with a special AWR OSL card ! E-mail : Studiodx@europe.com >: Snail mail : AWR, Viuzzo del Pergolino 4, 50139 Florence, Italy Andy Cadier quits

After almost 13 years of writing the Anorak page in "Short Wave Magazine comes to an end. Andy Cadier has advised the editor that after the August

issue he will cease his contributions published bi-monthly in the 'Off The Record feature. There is no conflict, quite the reverse really, but Andy just don't feel as enthusiastic as he once did and at the risk of becoming beginn he thinks it best to pass the keyboard on to someone else. He took up the page in July 1991. Thanks Andy for all your great work! IRRS The following news was received from the IRRS: "We are announcing a slight

frequency charge for our daily broadcast in the evening, European time (previously on 5780 kHz). Effective June 21, 2003 IRRS-Shortwave to Europe can be heard duly on 5775 kHz from 1900-2130 UTC (2100-2230 CET). besides our operations on Sat & Sun only on 13840 from 0800-1200 UTC (1000-1400 CET). The latest frequency schedule is available at: < www.nexus.org/NEXUS-IBA/Schedules>

Scandinavian Weekend Radio

Starting at 21.00 hours UTC Friday 4th July, Finnish SCANDINAVIAN WEEKEND RADIO, orlebrated its third armiversary with a 24 hour transmission with us with special Birthday programmes. They had live bands on stage at 11 to 15 hours UTC. SWR reports they have repaired their 48 mb care-dipole and put it to new higher position. SWR broadcasts or on 49 and 25 metros. The following from are in user 5990, 5980, 6170, 11690 & 11720 kHz. For updates about programmes, freq schedules and news surf to < www.swradto.net > E-Mail: < info@swradio.net > . Reports

< ruporff@rwcofio.net >. Congruis to the whole crew of SWR from all of us at FRSH !! A few months ago SWR put out the documentary "10 Years in the Life of FRS-Holland* Extending licenses

Recordly saw 15 UK-based stations extending their AM/FM broadcastine licenses with another 8 years. The becases were automatically extended. This is a result of an agreement which says that if a station is covering at least 25% of its coverage via DAB, its beense is sutomotically extended. A way of stimulating broadcasting stations to make use of Digital Audio Broadcast. It concerns Capital Radio, Southern FM, Invicts FM, Ocean FM/Power FM and several stations affiliated to. Caretal Gold. All these stations have in common their coverage is south of Landon. Other backy stations were Radio City 96.7. and Maric 1548 in Levernool, Hallem FM and Maric AM in South-Yorkshine Surnal 1, 2, The Wave, Swansea Sound (being part of The Wireless Group) and

Radio 278 Movie

There is now some doubt that a movie will be made about the short lived offshore station Radio 270. Rumours circulated that filming would start in Yorkshire last autumn / winter but nothing seems to have harmoned. The film was to be based on a script that former 270 DI Paul Burnett had been offering to film communies for some time. It is loosely based on the interaction between ternaners listening on the heach to 220 and the life of the presenters on board Bob Proofs, who has written a book about the station, suggested that filming was to be moved entirely to Belgium. But at this stage as before nothing seems

to have commenced. Perhaps this is more 'amorak' wishful thinking. Johnny Walker

Recently BBC Radio 2-Jock Johnnie Walker (58) shocked his audience by telling them doctors have ascertamed he suffers from cancer Initially Walker didn't want to tell the bad news but because he would be off air for a period due to medical treatment, he thought it would be fair to inform his audience. At 18 55 hours Johnsy unexpectedly finsihed his popular show with these work: Before I so there is something I want to mention, it is something that normally a person in my position would want to keep close to their chest but. because of the occational time off I might be taking, I wanted to go public with it. Five weeks ago I was diagnosed with cancer, non-Hodgith's lymphomax, which is apparently a very treatable type of cancer. I am kicking off the treatment tomorrow and will be taking a week off and will see how it goes. To all those who are facing that challenge - and those who love people and are part of a family facing that challenge - it's a toughy int't it? I know how you feel." Then he played Simon & Garfunkel's "Bridge Over Troubled Water dedicating it to each and everyone fighting searnst caree

Walker is one of the longest-serving RBC inche. His real name is Peter Denotes and he grew up in the West-Midlands. His passion for music greatly contributed to becoming a deeply on the popular offshore station Radio Caroline. In contrast with collegues such as Tony Blackburn, Walker decided to continue as an ofsshore jock after the infamous Marine Offences Act took effect. In 1969 he started a legal career on BBC Radio 1 where he started senting a daily lunch show. Disagreements about the music format made him decide to leave the Beeb in 1976. Walker crossed the ocean and ended un in San Francisco where he started working for Radio Luxembourn, Early 80s he returned yo his native country where he presented shows on a number of local stations in the Greater Birmingham area. A few years later he made his come-back on BBC Radio Onc. Nowadays he presents a daily 17-19 hours slot on BBC Radio 2

The Erkrath - Radioday Saturday Sentember 13th this event will be assain orasnized in the rooms of the local observatory. The event is scheduled from 13.00 noon to 20.00 hours in the rooms of the Observatorium of Stornwarte Neunderhöhe at D-40699 Erkrath, Opening is at 12.00 hours. The topocs for 2003 are : phorowave mediumwaye - Jongwaye, Shortwaye; Radio Marabu introduces themselves to their audience. Mediumwave: the Netherlands after the new frequency allocation , Radio Caroline takes a balance. Longwaye : Music Mann 279 from the lale of Man . Special guest is Paul Alexander Rusling, chief executive of the Isle of Man International Broadcasting plc. This new station for Europe is in talk for many years. What really happened there, will the station come on arr, why today investing in longwave radio? Paul Rusling will give answers to such questions on a specially technical interesting project with pictures and videos, not without a look back to the MV Communicator of Laser 558! The location: >From Düsseldorf railway station one can get there with train S 8, direction Wappertal/ Hagen. You leave at stop Hochdohl-Millinsh and walk the road in direction of the train to small way on right hand named Hausmannsweg. After a few hundred meters you see the observatory. By our you leave Autobahn A 46 at exit Haan West to Erkrath, in the town the

way is marked "Observatorium". You find a map under < marked "Observatorium". You find a map under < seh ro-celine.de > The entrance fee is 6.7... (6.3.50 für Comline.de) Support Groupmembers). Preliminary registration or requests please to: Jun Sundermann , Millrather Wog 74 , D 40699 Erlerath, Germany.

New Norwegian station In Norway Northern Star International Broadeasters AS started their work

lobbying for commercial use of the frequency 216 kHz, abandoned by state broadcaster NRK in 1994. The heence for up to 1.2 Megawatts of nower was eventually advertised in 2000, and NSIBC became the sole ambigunt after a Tamil organisation withdrew their application. NSIBC has been asked by the Norwegian Mass Media Authority to negotiate a location for their transmitter and also persons the final financial fundance before they some the official licence. NSIBC primarily want to put its tx somewhere on the southwestern coast of Norway Websites

< www.northernstar.no/longwave.htm >.

NEWS from around.



New Hope for Dublin Pirates

The Broadcastine Commission of Iroland (BCI) has placed adverts in the 4th July newspapers seeking expressions of interest from groups interested in operating new FM radio stations in the Dublin area. A reorganisation of from moirs has created space for sourced new ones. A number of the nightstations that were raided and shut down in May are expected to apply. Some had applied unsuccessfully for licenses in the past. BCl chief executive had applied unsuccessfully for incenses in the page and term account Michael O'Keeffe says the Commission is "open to suspensions" on the nature of the services to be provided. Interested parties will have to provide a general description of the service and the turnet and ence and details of the conversion structure and the caracity to provide the service. *The BCII well take into account... the rationale for the service, together with a statement of how such a service will add to the diversity of services already in existence throughout Dublin city and county," O'Krefe said. The closing date for the receipt of corressions of interest is 12 September and the BCI anticipates that a report will be presented to the board by October International Funkanstellung

In August the "hierathronic Fonkaussellung", (International Broodcasting, Exhibition) will the pipes again in Berlin In connection with this length contained with this length and the pipes again in Berlin In connection with this length numering calibilities there will be also a special occur for abort-were intenses mante people who are internated in male Pinke to be its Standard August allow from 18 bes in Presistation Landwirthnus, Flationalite 23, Charlottenburg, Berlin More information can be get from Andreas Erbert 4: Septhedistroads > 4000th Restricted Service Licence issued by radio authority will when 25 and 16 and 25 and 25

modern Line & Baller Australian Souther In-Section Basel - still relative between the control and the baller community of the long to exhibit the Sisk in damed and religious Gardral of Vasadohn from 1 to 28 April. Communities on the middle southern and religious Gardral of Vasadohn from 1 to 28 April. Communities on the middle southern still southern and religious Gardral of the Radio Australia, said "We have always here very proved of plan RSL. Proberts Sister stem licensees aging a great appear analysis and people to make read for a unserty of purposes and by deling so, they provide a substate for a variety of purposes and by deling so, they provide a substate for arrive to their consensus; The populative y dist exhorter grows your on year, and see are delighted to

New Jingle CO
A mention about at CO on the history of radio. To be more specific, hostory of the jingle is in the Netherlands, the Genorotchery Radioglatics and Tunes, force to the jingle is in the Netherlands of the Control of the June 1997, and the control of the Control of the Control of the Control of the Netherland jungles, which were resong for the Dath Public Boundards, rule the original produced in a documentary origin and includes also in survivers with produced in a documentary origin and includes also in survivers and Toda Medical Degrees we may produced in the Securities. For more and for the produced in the Securities. For more and for the Securities of the

www.jinglowch.com >. Documentary series

Standby (self, our models' summigl) for a new 2.1 do minus documentary series on juntar dined (from North and Intens. Assumpt 24th and September 2nd, BIEC, Radio 2, 2000 BST. According to 'Brouksat' magames it will regione the hatroy of the Purisequie of dishere. English indepunge service Vicentees of the said-\$950s in least station. Illie Radio Caroline and Radio Caroline and Radio Caroline and Radio Caroline and Radio Service (in the North Assumption of the Intense of the Intense

Frence Enach Colo and Offithere Encho summed over the as are due and a security. In the commentation of 20 years of 1 hand Combined Since and Security. In the Commentation of 20 years of 1 hand Combined Since and Security of 1 hand Colo and Colo

A new interesting website covers the story of Italian Radio Nova Int. Many offshore & radio enthusints will remember Radio Nova, a radgo station in Italy, was founded in Spring 1979 by a group of free radio enthusiasts impired

by the success of the offshore pirates - particularly the first RNL Radio Northwa International (not to be confused with Chris Carer's Dublin-based Nova!/). When the passing of Dutch legislation to outlaw offshore radio closed down most of the remaining peates in the North Sea, and Radio Verenica stoned the Hilbertsum 'club' of increased benedeasters, the Swiss country of RNI Meister and Bollier considered suffine the MERO II to the Italian court to commence broadcasting there under the name of Radas Nova International. The two Swiss people officially sold this to journalists. Of course the radio ship was locked up for a longer period in Shikkerveer harbour and in took up till 1977 before the ship could leave Holland for international waters. By then it had a new owner in the nerson of General Ghadaffi of Libra. However, the relaxation of Italian laws on private broadcasting resulting from an almost anarchic proliferation of land based pirates in that country made the expense and inconvenience of broadcasting from ships at sea rather unnecessary. Meister and Bollier lost interest in the Nova project, but gave their blessing for a group of Dutch. Belgian, German and Pernch investors to use the name. Best known amone them is AJ Beirens, others included Raud Kegel (Danny Thomas >> also ex-ABC Europe SW), Nils van Schijndel, Peter Janssen (Peter Hartwig->-ex-RNI German SW Service), and Richard Adaridi. A lot of others have worked for the station, including Guy Starkey - who did also some stims on the Voice of Proce. Have a look on his historical side on Radio Nover < www.govstarkev.com/nova/nova2.htm >

tetura

Another New American AM powerhouse has externed as a Year's ratio former. Once of the legalisty amount of the Top 40 on an WKTRF (155) hilly be infelhib New York. After floring amount with a Sussions mesh insmit full possible for York. After floring amount with a Sussions mesh insmit full recovers that it find the Hilliams and marked beards to a remark poll and lead format with a sound then heart been benefit to 18 AM radio sounder to 70 h. In the top 40 month of any or wiff (in that reper for 150 kg for fine) as the set of 10 kg for fine in the top 40 month of any or wiff (in the reper for 150 kg for fine) as the top 40 month of any or wiff (in the reper for 150 kg for fine) as the set of 150 kg for fine in the set of 150 kg for 16 kg for in 150 kg for 150 k

Perhaps the brains (or lack there of) in the radio biz have realised finally that sterile scripted sound of their networked programming and lite nock/best variety narrow-easting doesn't work. And — perhaps the folks at RTL will see the trend and revitables 208 Hope spring extensil!

Internetradio via Viddi Radio Player Internet gives access to thousands of international radio stations. For many people have the opinion it is far too much work to tune in to an internet Radio

people have the opinion is in far too much work to take in to an lateract Railon Large Tool the category there's an eliminarily soldient for Heidi Railon Player. Increase confine given guitant account in more than 1250 popular Player. Surveiling can be done via continuous commission surveiling to Player. Surveiling can be done via continuous or missio Evernica. Your must favourite satisfave can be stored in a personal list of Suvurities, this shout the written of the sideon you've insured to With another moses click you can set to written of the sideon you've insured us. With another moses click you can set to written of the sideon you've insured us. With another moses click you can set to written of the sideon you've insured us. With another mose click you can set to written of the sideon you've insured us. With another moses click you can set to written of the sideon you've insured us. With another moses click you can set to written of the sideon you've insured to write the sideon of the sideon

Radio Jackie about to return to South West London

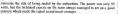
Detarrie do come true: just tale Tony Collis I By years ago he was forced to shat down the much lowed parts and os station Radio Jackie; which had been the prote of South West London for 15 years. A decode later, his lopes of fringing lest Radio Jackies as legal broadcaster were dataful when number applicant was awenfed the community radio locesco for the area. But earlier they year the Radio Justices year its consect for Radio Jackies List to lists over framecaling strugging Transen Radios Collis has bought for tratten for the tolera monour of LTB BERCHWIGH in doctor. Here not supplicating lands lackies to back

Radio Jacks: was reguably the best of the many UK. That besod printed "of the 1975; and early 1995. These stations had grown up out of frentation at the closure of the efficience breakdesizes in 1907, and their replacement with the GRAV. Radio L. Indiany flavored common beneathering station of in London in 1973, the choice of insteam was limited, and many young people preferred as 1974, the choice of insteam was limited, and many young people preferred beneathering the choice of the choi

Willing Spikeers werens, pages as New seekly half hour programme on the Helen Network When that service closed in April 1969, Radio lakide took over the frequency of 15354Hz, and began benedeasts from its own transmitter. All first, it broadcast from a fixed location, but since it was unihercroed the team decided to start using a mobile transmitter which changed its location each week to

FRS NEWSLETTER

NEWS from around..



IN TRANSMISSIONS The frequency in the fr

fourth location in Sutton housed the office of station owner Tony Collis, and a production studio for commercials. Today the name of the station lives on in the form of the cab comment Radio Jackus Class.

LOCAL SUPPORT

Alles Jondes was openly listed in the Yolous Pages. There were 18 full time Radio Jondes was openly listed in the Yolous Pages. There were 18 full time facilities of the station to be gorns at listence, was signed by position in 1964, colling for the station to be gorns at listence, was signed by 1965 and 1965

decided to close down for good. Radio Jackie made its last broadcast on 4 February 1985.

However, in 1996, the opportunity arose to apply for a new FM community homes for South West London on 107.8 MHz. Sadio Jackie's application set out a very detailed programmer plan with a high degree of community service content. However, possibly because the Raido Authority defin't want to be seen as remording Highs brodestering, the Henne was awarended to another applicant — Thaness Raido. Set Holdon's at if Raido Jackie would become simply a poor of British brodestering her form.

of Billini monoscening monal, in 2000, self-decided "anorsk" Good! Rogers began patting together an ambitious Radio Jacker memorial site. Good! said at the time, "I can't believe that so ore has yet set up a sit which brings together all the various memories, istones, legends, photographs and sounds that made up one the best known for monosity even the best known for mall-based prints radio station in the world.

REBIRTH

But the subsequent misferences of Thannes Rathe have sumed out to be an opportunity for Rathe Rathe in provine the Police Received sweep. The opportunity for Rathe Rathe is provine the Police Received sweep. The opportunity for Rathe Rathe

Cortisary to the report on Media Network dated 20 June, the station on 107.8. Phil in South-West Lindon's is still identifying isolf at "Phases 107.8." They are playing continuous smistir, and although reception was quite docunt in the Wembley Park area on Saturday norming, come Suiday things were somewhat more difficult, owing to those manging purposes. If only we could get shot of them nocean die of all. ... (by Andy Science, 20 June 2014.

Website Carolinecentral.com closed

Visiting the above website ended up with the following measure. The investment of the control has now closed. We reached the end of our install one part includings and hosting control at the way the control has not been control at the control has now the control has not been control at the control has the control has

and sate directory to a new owner. Although not specific to Radio Caroline their new site, Amerak Nation, hopefully keeps some of the spirit alive." Surf to < www.amenkention.com > and you will discover this is a very interesting site for any radio embassing.

Interact

For some unique photo's from the Alan Beech arctive on Radio Scotland,

Some original people from Veronica's days make another site I want you to hive a watch on. Two important people should have a receipe in the report

Ad Bounters and Juni Colorick, who both worked as a technician on the station. They've saved a lot of meterial from those days and have including technicians also worked a long time to make an archive of this. Although the story is in Datch it is more than the control of the

Dottok it is worth well to waste at <u>www.nerdemery.s.</u>

B If you are an offshore radio enthusiast, surf to < www.nerdemery.s. and indoor shows the waste state of the

E Radio Genorimo is a kind of mysterious station that broadcasted for a brief period in the 1970s. If you want to know more about this station, then check < www.maltiegermino.cogik > It's a kind of tribute site and appert from Genorimo, there's also a lot of inberesting Radio Seegull suffit to be read.

Amateur Radio comes to 60 metre band

in a development which seems to have gone largely unnoticed by shortwave listeners, radio amateurs in the US are about to start using several frequencies rust above the 60 metre band. At midnight local time on 3 July 2003, it will ecome legal for certain classes of US radio amateurs to operate on channels contored on \$132, \$148, \$168, \$373, and \$405 kHz. The last channel is common to the UK amateur 5 MHz experimental band plan. The channelined formst is the result of a compromise between the National Telecommunications and Information Agency (NTIA), which administers spectrum occupied by US government users - the band's primary occupants -and the Federal Communications Commission (FCC). The channels will be available to General and higher class liceroses. The FCC will allow in to 50 watts effective radiated power (ERP) on all five channels. The Amateur Radio Relay League (ARRL), the national association representing US radio amateurs, says the 5 MHz channels might provide the best promountion in the event of a Caribbean storm or other disaster, when stations need to establish longer-range HP emergency communications links. Until now, emergency nots often have had to switch between 40 metres during the day and 75 metres at night. More information on the topic can be found on the ARRL Web site. OD Radio Netherlands Media Network Radio Free America His daily broadcasts were heard over 600 stations until the early 1970s when

the station or a sholl of the ECC, linearis doctron, Many the remember D_c Modellines and the mass of Collines Rodo Stones and Developer an

Johan Maasbach Wereld Zendingen A 'miracle city' is the idea of the JMWZ, the Johan Massbach Wereld

Zomfingen. Dair religious company, housed by one bendere, plant as very bit come for all religious of the world in The Mane, Next to a log fletch they DMC is thereby 50 years in Dach the Hages and was formerly bender by DMC is through 50 years in Dach the Hages and was formerly bender by DMC is through 50 years in Dach the Hages and was formerly bender by the Company of the Company of the Company of the Company (INI), Robot Combine and Rode Monagai. In the early senties Johns field and company one had Rode Monagai. In the early senties Johns field and company one had been over by the family for some people, within the company one had been deep the company. We don't heave when they wall proof per year and you next as and Jones menty. We don't heave when they The Summer 2003 coldition of Froncisches in Lamish

And now something about a new book, which were released during the last

weeks. First the book. The Summer 2003 odition of Broadcasts in English is now available from the Bertish DX Clab. It was compiled by Alan Pennington and includes details of all currently known international broadcasts in English

on short wave and medium wave for the Summer A03 sehedule period. It is in time order throughout and covers all target areas. Transmitter sites are listed where known. A comprehensive guide to DX and Modia Programmes is also included plus schedules for WorldSpace and World Radio Network for Europe. Conics are available at the following prices (postage included): United Copies are avaisance at the honowing prices (postage metastor) critical Kingdom - 2 pounds sterling, Europe- 5 International Reply Coupons, 5 Euros or 4 US Dollars, Rost of the World- 6 International Reply Coupons or 5 US Dollars. UK cheques/Postal Orders should be made payable to British DX Club.Payments in Dollars/Euros are only accepted in cash. All orders/ enquiries to: British DX Clob. 126 Barnery Road. Cutford. London SE6 2LR. LIK.

Made in Holland

In the following extended Made in Holland column a day-to-day report from the exciting happenings in the Dutch media landscape starting on....

Monday May 26th Monday May 26th was the day on which the Dutch Ministry of OCAW emment announced which Datch stations obtained an FM or AM rockage for the next 8 years. After years of political uncertainty, the distribution of commercial FM ridgo frequencies was finalised on Monday, with prominent stations Noordzee FM, Radio 538 and Sky Radio winning beenses to remain on the nurwaves. An end on a period of several years of discussions, problem, doubts and no decisions! Many Dutch commercial stations felt very uncomfortable because it took much too long until it was decided the commercial terrestrial frequency packages would be sold by auction. In the most editions of the FRS Newsletter, we covered the developments regarding the Dutch media situation frequently. It all started a few years are when the responsible Dutch authorities decided that the available commercial FM frequencies had to be revised. Investigation resulted in a so-called Zerobase plan (the re-engineering of the FM network) creating a great number of new FM forcemories becoming available for commercial radio stations. And: twice as much potential coverage for regional commercial stations would be created. Aport from the existing commercial FM packages, an extra number of new ones were created. Important: the Dutch government tried to cash in and decided that the existing radio stations had to make financial hids to secure and continue their future on either FM or AM. In addition they had to present a business plan. For the majority of commercial stations, a terrestrial FM peckage with (nearly) nation-wide coverage was the only serious cotion. FM is in continueroial respect much more attractive compared with AM. Continuing only on cable without terrestrial FM freqs could be the end of any popular station. For that reason the most popular Dutch commercial stations such as Radio 538, Sky Radio, Radio 10 FM and Radio Noordzze offered substantial

amounts of money to secure the most powerful of the 9 FM packages To avoid any confusion: the Dutch national radio stations Radio 1, 2, 3, & 4 (on FM) and former Radio 5, nowadays using the name 747AM, have a protected status and had no involvement with the suction of FM frequency packages. The only alteration is that any Dutch station on FM is not allowed to be on AM as well. For that reason the powerful 400 kW 1008 AM was included in the auction; so far that frequency was used by national news station Radio 1 but because of already having a nation-wide FM package, Radio 1 was

forced to give up its 1008 kHz AM outlet Before the auction Sky Radio, Radio 538, Yorin FM, Radio 10 FM and Noordoo: FM were using the most interesting commercial terrestrial FM nackages. In addition, Radio 10 FM used the strong 120,000 Watts 675 AM outlet. Arrow Classic Rock was to be heard on 828 kHz (25 kW), Radio 192 on 1332 kHz (5 kW) and Business News on 1395 kHz (120 kW)

This situation changed in the final week of May when the "wirners" of the suction were announced. Up till that moment all stations were becodessting with temporary becases issued in the late 1990s. Mind your the auction was not only meant for existing commercial stations but for new initiatives as well! An independent commission jugical all applies for terrestrial freas from both existing and new radio stations. There were two extenenes: some of the FM frequency packages were unclaused meaning that stations are fully in charge of deciding which format they put out. The second category, the profile category means that broadcasters must fulfil a specified profile, such as a news. alternative pop, Datch music or classic masse. Business News Radio was awarded a frequency under the news broadcast category, while dance music broadcaster ID&T also won a profile as did RTL FM.

Remarkable: Noordree FM offered no less than 80 million ours (9) for the 100.7 FM packner bring used by the most popular Dutch radio station Sky Radio. Radio 538 obtained the FM frequencies being used by Noordzee FM, while Sky had to move to Radio 538's frequencies! Strange but true Radio 10 FM, one of the first Datch commercial radio stations, dealt a heavy

bung. No FM frequency and of course no AM: the station had put its money on

FM and not AM. No FM, goodbye 675 kHz: Another (new) oldies stati pillfered a nation-wide FM package right under Radio 10FM's nose Main reason: the new statuon "de Gouwe Ouwe Zender" (Golden Oldses station) guaranteed in its business plan a greater percentage of golden oldies than Radio 10 TM Although Radio 10 EM offered more money . De Gousse Court Zender (Radio 103) is a "new" station under the umbrella of the Sky Radio organisation. Although, not entirely new. Many years ago there was already a Geawe Oawe Zender financed by the Sky Radio Group. During the short

period it was on the air, it appeared to be an unsuccessful attempt Other Joseph Radio, Nationaal council by Road Hendriks Groom as Rob Hudson on Radio Caroline in the late 70s). Arrow: Classic Rock (exped by former Veronica/ R.N.I. jock Joost den Drasier) and Radio 192 (having strong

bes with the former offshore racho station Radio Veronica) Below a complete overview of the radio stations which obtained a commercial terrestrial broadcasting license taking effect Sunday June 1st 2003; first is the description of the (A) FM / (B) AM packages, between brackets the format*, next the name of the new owner followed by the financial bid (in ouros). * Some packages are unclassed which means they may put out any format. No regulations whatsoever in contrast with the other stations which have to meet certain requirements (specified in the business plans approved by the

FM frequencies with (almost) nationwide coverage Aft (one-luned) Sky Radio (£ 56,025,000) (oldies) Gouwe Ouwe Zender (€ 33 600 000)

authoration)

A08 (classical)

A02 A01 Noordzee FM (€ 80.400.000) A04 (news): Business News Radio (€ 1 320 000) A05 ID&T Radio (€ 2,500,336) A06 (unclaused) Radio 538 (€ 57.000.001) Vorin EM 66 37 897 0000

Not yet allocated A09 (Euro/ Dutch-language) RTL FM (£ 22.936.000) Branchew stations are de Gouwe Ouwe Zender (Sky Radio organisation, ID & T Radio (dance) and RTL FM (Holland Media Group).

AM frequenties een brackets the AM frequency and the tentative names of the stations which could con ence trms in future

(1008) Radion Media (Radio London) Music Countr (1395) Quality Radio (Liberty Radio) C04 (828) Quality Radio (Radio Tronico) C05 Quality Radio (777) Radio 538 ** (1332): Not yet allocated

C08 Ovality Radio (Radio Paradiis) (1584) Quality Radio (1584 AM) (1602) Not yet allocated Not yet allocated Quality Radio (Laser 1557 ?)

E Radio 538 has a low-powered AM outlet in the south-east of the Netherlands to compensate for the non FM coverage in that part of the country. Location is Hulsberg in the south of Limburg stuck between the Belgian and German border. The 891 AM tx has a power of 20 kW. It serves a part of the country where Radio 538 has no FM coverage. The frequency was given to Radio 538 in the frequency awards announced on 26 May.

The allocation of commercial AM/FM frees means a yield of no less than 6

323 million (!!) for the authorities.

① One important participant in this Datch radio scap is the Nozema, which is now a private company running and controlling FM and AM tas in the

Netherlands. Once it was a state-owned company. The Negoma said it has already suffered financially because of the delay in carrying out the frequency auction. At one point they were even talking of taking legal action against the government because Novemu was spending a lot of money on the "zerobase" project without any clear indication of when they would be able to start signing contracts with new licence holders BTW, just to be clear, there are noo transmitter operators in the Netherlands.

Apart from the Nozema, there is Broadcast Partners h v. Nozema has the bon's share of the market, as it does all the engineering for the public broadcasters, but Broadcast Partners currently have five major commercial stations as

clients.

A total of 26 regional commercial FM freqs were issued. Among "the lucky ones" two former famous Dutch radio perates of the 1980s: Kezzerstad Radio (Nimeger: was already on air with a license) and De Hague-based Hofstad Radio which has been fighting for a license for a long time. Hofstad Radio was a very popular station in the early 80s and famous for usine the so-called Harry's: 1 kW Robde & Schwarz FM txs

F Very interesting is the news that the lacence for the 1008 kWe removitor (400 kW) has been secured by Essey based Radion Media Limited. He Ray Anderson and his friends who want to bring back the sound of Radio London. With this newerful transmitter they want to trevet the statues at 20 million people in the UK. Now they're very busy looking for investors and staff. The frequency is one of only a few high-power International frequencies available 1008 kHz with a transmitter power of 400 followers. Managing Deportur of Radion Media Limited - Ray Anderson, said: "We are deliabled in heine anetreded that frequency it is the culmination of over 12 months work. This will now enable us to proceed with our plans to re-launch the farmer pirate radio station - RADIO LONDON - BIG L and other programming formats". The footperns from this transmitter should cover a normalistica of 20 million records in the South Fast and Fast of Great Britain as well as much of The Netherlands and Belgium. Anderson added: "We will be interested in beginn from Airtime Soles personnel. Deejays and Investing partners who can assist us so we can quickly bring this station back on-air and make at a tremendous success." Radion Media Limited, P.O.Box 2736, Printonion-Sea, Faser COL3 (WZ in the UK. Ermil: < high/soverrhing fabusmess could > In addition there will be trebrical charges at the Flore site, whereby they will use a circle mast on 1008 instead of the directional pattern that was used for the public broadcasters, and

probably with higher power. E There are a lot of regional AM liceness which have been allocated to several organisations. One of them is Ouglity Regio, a commany from Utracht run by Ruad Poeze, Some vesus aso he worked very closely toerther with Boh Noakus (Dutch Caroline project 1584 AM) but due to a big dispute they broke with each other. Poeze joined up with British people who are interested in making radio in England, see the next press report. "In association with our Duich pertners, Laser Radio Limited has successfully applied for brandcastone licences in the Netherlands. With our Dutch partner Quality Radio, we have won the following AM broadcasture frequencies: 828 kHz, 1035 kHz, 1224 1808 Bit Johnson Am Artistaning Johnson Managing Director of Laser Radio Limited added: "This is a tremendous result and shows the strength of our applications and future plans for AM broadcasting. We have same exciting programming planned, which will transform AM listening across the Reselve and surrounding markets." Mataging Director of Quality Radio, Ruid Foces, was qually delighted with the result and was looking forward to Road Poeze, was equany occupation when the Netherlands. The broadcasting licences will be valid for an eight year period. Laser Radio Ltd, 2 Herontye House East Grinstead West Sussex RH19 4OX, Tel : 01342 327 842/ Fax : 01342 327 842. E-mail: < laser@ukmeil.com>. Director Andrew Yeates

interesting to know is that also Rutho Caroline had submitted a bid for an AM frequency. Caroline was interested in the 25 kW 828 AM tx and there was only one roal: Quality Radio BV. The financial bid made by Quality Radio was higher and that was it...

Dutch Stations missing the boat (existing ones and newcomers):

1. Radio 192 2. UDC

Style FM Dance Radio (Amsterdam)

Humor FM

Humor FM
 Radio National
 Radio 10 FM

Classic FM
 Arrow Classic Rock

 Nederlandse Radio Groep (meerdere aanvragen, a.a. Colorful Radio) 10. Radio 227

12. Hangstad Radio 13. Happy Radio

Reactions after the decision

B Sky Radio lod by Ton Lathouwers (he once was for a brief stint on the Mi

Amply was very longer with the contents. Say find to was insent the most promoting of the said of 27 May plangs. It has a very no energe the situation promoting of the said of 27 May plangs in 18 are a first paint and the said of 19 May plangs in 18 are a first paint and 19 May plangs in 18 are a first paint and 19 May plangs in 18 are a first paint and 19 May plangs in 18 are a first paint and 18 are a first paint 18 are a

El Romatshole Radio 227 is an instantive of former Radio 227 decyst Lock Bodo Radio 227 see heart for a barel proof on 227 meters. Aft in 1967 following the cleaser of Swinging Radio Englands. The stances was reconstructed by an American constitution, also beauting. Direct Radio Lind Robert in Mobile and Englands and the willing to make see the Company of the Comp

(B) Baud Hundrik, owere of Dutribol BV, coming Radio Nationals: "We off are very disappointed that after years of great successing Radio Nationals: "We off are very disappointed that after years of great successing Radio National hard's get the chance to same FM boundaries. The days of the station are numbered. Fillulate FM outlet the sension a commercially not violde." But station started May 9th 2000, June 1st the time wit Dutch cable networks came to a med. It was in the Summer of 2001 that Radio National commercial Am time on 1296 kHz renning a BBC tx tocated in Offendess in the UK. That moviet radio in 2002, evenince Radio National continuated or calle only

hoping for an FM beense.

ET The 18 bland Motio George is more than delighted with the two NS processors are in the processors from 18 bland Motio George is more than delighted with the processors from 18 bland as in serious price in the processor from 18 bland as opening for the Duch language music FM proclaps. As result EXIL FM is one of the brandows without some with non-step music hase in it, in the not to distinct finare the new station with gate out as mind on the processor of the proclams of the processor of the

El Radio 538s Lex Harding- the famous former Veronica jock- was surprised that the 102 FM puckage of Noordeze FM is allocated to Radio 538. Radio 538s bid to abtain the 101.2 package was better than the one made by Sky

Redito.
Plandio 192 is very disappointed. May 23rd the bad news about not getting a terretarial frequency reached the station. As a result Radio 192 has become a cade-only station (at least for the time berng). According to a spokessma the cade-only station (at least for the time berng). According to a spokessma the cade-only station (at least for the time berng). According to the cade on RTL FM. But all depends on the financial conceptances. Another option is resulting or AM Via a foreign AM outsit. Luddy except they've a

90% cubbe coverage within the Notherlands.

Marcow Classic Rock will start a legal procedure against the Datch
authorities (just like Radno 10 FM). The rock stathent thinks it is not fair that its
apply for obtaining an FM literate has been rejected. According to managingdirector and shareholder Ad Ossendrayer the independent commission distrition control in the control of the attention better given been controlled to the control of the attention better given better

to controlled more the controlled to the thinking spira. Acrow begree

to controlled more than the controlled more tha

stration. Wednesday May 28th

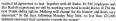
Wednesday May 28th Reports make mention of a possible rescue action for popular Radio 10 FM. The oldest Dutch commercial radio nation could be taken over by Sky Radio. When his happens, Radio 10 FM may continue under its own name. Sky's Martin Barns save that the negotiations haven't been concluded yet.

Other news this day is that Arrow Classic Rock will be using 675 kHz AM for the time being. The station which obtained 675- Country Music Radio- will commence true in a few months' time. Before that time the necessary proporations have to be made. Lanik-based 675 is certainly more newerful than Heinekensoords 828. The advantage of the 828 outlet is its digital modulation which is louder than the 675 mod. Saltent detail: Country Music Radio FM is using the same address as Arrow Classic Rock...Well, we will reveal a little secret. The Arrow and CMR owners are the same. One of the nicest coron internet, after Arrow came on the six on 675 was: "Arrow couldn't have started at a better time I tuned into UK Coroline at 10.00 hours to hear one of their good and reliable presenters Pat Edison and there is some crap Japanese live music on, or did I hear this is cultural music. Sorre, but I'm read I have two frequencies to listen to Arrow on. Yes Arrow is still point out on 828, as well as 675. If they broadcast the left channel on 675 and right channel on 828, I could use two radios to get stereo, then it would be better than Caroline!" It must be added that the owner of the 675 frequency has to start with his own (country) formst within 3 months after going on the air. Perhans Arrow Classic Rock will stay on 675 nutting out some more Country Rock in the format ?? Saturday May 31st

That evening Radio 10 FMs programme-director Tern Mulder (formerly Klass Vask on Radio Versonea offsheer) agrounces that the station will be continuing on FM. The AM 675 will expire but the station will like outsine use a few file of 19 FM tex. Radio 10 FM will take over de Gouwe Ouwe Zender's hake. Ton Lathouwers, Sky Radio's measurin-director." This neares that we

S NEWSLETTER

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Sunday June 1st At midnight the new formencies take effect. Rudio 192 is sell on 192 (filestally?), Arrow Classic Rock is now using the newerful former Parks to FM 675 outlet. A loop message can be heard on 828 kHz explaining the situation to the listeners. Radio 10 FM is to be heard via the FM frees allocated

to the Gouwe Ouwe Zender/ Radio 103. All major FM stations are now on new

Wednesday June 4th Future of Veronica still hangs in balance

The board of Dutch commercial broadcaster Veronica have still not reached a firm decision on the future of the 40-year-old presentation. It was wadely expected that a meeting on Tuesday evening would result in a decision to merge with public broadcaster BNN, an option favoured by the interim menagement of Veronica. However, a spokesperson said the board had decided to allow another three weeks for all possible entions to be considered before making a decision

The television side of Veronica is in dire straits. It has to share a TV channel with MTV networks, its programming son't popular, and some cable systems want to ditch it. MTV has had enough, and wants to end the numership. Veronica has also been talking with rival commercial broadcaster SRS According to an SBS spokesperson, one scenario under discussion is the setting us of a new company called Veronica8. The existing SBS channel V8 was so-named in anticipation of a previous deal with Veronica that never out off the ground. This option is not favoured by the staff of Veronica mana the largest radio and TV guide in The Netherlands and the only bit of the comment that still makes money. They would prefer a deal with BNN, It has been suzzyested that under a deal with SBS the magazine could become a senarate company

Thursday June 5th

Radio 10 FM has left its terrestrial FM freqs. In the night of wednesday into thursday, Sky Radio pulled the plug out. Radio 10 FM was shocked and dazed at the same time. It was an unexpected action done without any consultation. Radio 10's programme-director Tom Mulder: "I was shocked. I was drivier in my car and discovered that several freqs were switched off. You don't expect something like its it a the Netherlands." In an effort to gain public suspect, Radio 10 FM has hung a barner outside its Amsterdam studios asking people to log on to its Web sate. The situation has generated huge interest in countries surrounding The Netherlands. Radio 10 FM was widely listened to on its former mediumwave channel of 675 kHz, and is still broadcasting on the Astra satellite at 19.2 degrees east as well as on cable in The Netherlands. Suddenly Sky and 10 FM are flatly opposed to each other. Further talks will be pairing place to find a solution but in the mean time Sky talks to Arrow, Radio Nationaal, Radio 192 and....Veronica. Sky's action is caused when it appeared that Talpa Radio Int. (owning Radio 10 FM) by means of one of its discourse John de Mol- will be challenging the authorities' decision not to issue Radio 10 an FM license. In case Radio 10 FM will succeed, they will obtain Skyle Source Ouwe Zender FM frequencies. For Ton Lathouwers that is addisor for to the flames. De Mol also declares that Sky won't be able to ren an oblies station. Lathouwers: "The government issued as a license because they are convinced that we are very well able to run an oldier station." Latherways adds that Sky is seriously looking for co-operating with Veromea. The brand Veronica is more interesting than Radio 10. By the way de Genwe Ouwe Zender has replaced Radio 10 FM on the terrestrial FM frequencies... Friday June 6th

Radio 10 said on Priday afternoon that it has provived an estimated 200 000 messages of support. Various local broadcasters and parate stations have offered to relay its output. Radio 10 has placed a large clock in its studio that reads "Radio 10 FM already off the nitwaves for x days x hours x minutes". The stuff of Radto 10 say they're stitting and warting for news of the regotiations between their parent commany Talma and Sky Radio. In the meantime, information is coming to light which could explain why Talpa wanted to go to court over its failure to get a licence, despite being offered a ifelme by Sky Radio. Today's edition of the Datch newspaper de Volkskrant reveals that when John de Mol bought Radio 10 FM from its previous or for 18 million cure, there was a clause in the contract that said he would get ? million euro back if the station failed to win a licence. Taking the matter to court would demonstrate that he done everything possible to get one. It has also emerged that Sky Radio has been approached by all the main losers in the secont becauce awards. Arrow Classic Rock, Radio Nationaal, Radio 192, and Veronica Insiders say that Sky Radio

Saturday June 7th

Radio 10 back on AM: 1395 kHz will be daytime only

Since Saturday morning 06.00 hours June 7th Rubo 0 FM is to be beset on AM 1395. Taken, the recent commany, has storted a contract with Octable Radio BV, the commany owned by Rund Pocze. Quality Radio and Tales first reied to have the 1008 kHz AM outlet available for Radio 10 FM. Although Rudlen Media gave permission, it was the Nozema running and controlling the major part of all Dutch AM & FM tax, refused to co-operate. Main reason is that 1008 kHz would be must for only one month 1395 kHz AM was used by Business News Radio, Tales and Quality have accred that there is an online to extend the rent period. Radio 10 FM uses 1395 only during daytime. In the evening hours 1395 is already occupied by a powerful 1000 kW Albentan transmitter carrying relations Trans World Radio res. Some listeners noted that the audio curlity on 1395 kHz is not as good as if was on 675 kHz On 675 they used a digital audio processor that boosted the higher frequencies This is clearly not the case, currently at least, on 1395 kHz. It's this sort of processor that Radio 538 is waiting to have installed at Hulsberg before it starts

using 891 kHz Tuesday June 10th

Radio 10 FM to court on June 25th Erik de Zwart, Director of Talpa which owns Dutch commercial station Radio

10 FM. has revealed the new date for the court case against the Ministry of Economic Affairs. It will take place in Rotterdam on 25 June. De Zwart says the Ministry has not given an adequate explanation for its decision not to award a new licence to the station, which is now without any terrestrial FM Meanwhile the station that now occuries the frequencies, Sky's Radio 103, de-

Gouwe Ouwe Zender, has not off to a low key start with no presenters and a playlist consisting of subset of the tracks played on Sky Radio itself. Sky admits it's in talks with a number of Dutch media companies, including Verenica, so the present format is unlikely to last for long. A special Web site has been set up to act as a support site for Radio 10 FM's efforts to secure terrestrial frequencies. The station is temporarily broadcasting on mediumwave 1395 kHz. The site is not officially enforced by Radio 10 FM management, but a number of its employees have indicated their approval of

Thursday June 12th

the instintive

Radio 538 booins modumento broadcore Dutch commercial broadcaster Radio 538 has begun mediumwave transmissions from the Hulsberg transmitter in the south of The Netherlands. The transmitter, on 891 kHz, has a power of 20 kW. It serves a part of the country where Radio 538 has no FM coverage. The frequency was given to Radio 538 in the frequency awards announced on 26 May.

Radio 518 to pross case for classical channel Dutch commercial broadcaster Radio 538 has informed the Dutch government

that it intends to zeess the case for the awarding of a licence to run a popular classical music station in the commercial sector. Although a package of frequencies has been reserved for a classical station, no licence was awarded for the eight year period that started on 1 June because of a clause in the legislation stimulating that no broadcaster could have more than two national stations. Sky Radio, which had been running classic FM, was awarded the golden oldies licence ahead of Radio 10 FM, and chose to accept that licence at the expense of Classic FM. The other applicants for the classical licence similarly fell foul of the rules. Classic FM had a market share of 3%, and Radio 538 believes that it can run such a station oconomically

Wednesday June 18th The soan opera continues

Nows from The Hague is that the Dutch government has officially informed the lower house of Parliament that a second batch of commercial radio homoes will be awarded, hopefully in the autumn. There are seven packages, for which there were no suitable or qualified applicants the first time round. One is a national FM homos, and there are three regional FM and three regional AM licences. The national FM licence is for either a pazz or classical music station, while the others have no programming conditions attached. Anyone can apply for those licences, both unsuccessful applicants from the first round and any newcomers who foncy their chances

It doesn't look as if the announcement has much significance for Radio 10 FM. which goes to court next week over the award of the national golden oldies beence to rival Sky Radio. However, in the event that the court overturned that decision, and said Radio 10 could have its frequencies back. Sky Radio would then have the option of re-applying for the classical horner. Because no company is allowed to have more than two national licences, Classee FM was sacrificed for the golden oldtes station Radio 103. A lot of people here would

S NEWSLETTER

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be delighted if that were to be the outcome, Meanwhile, Radio 518 has amounced its intention to apply for the classical licence Radio 10 can, of course, apply for the various regional AM and FM hornors.

That would be better than nothing, and given the strength of support they've had since losing out to Sky Radso, they'd be successful in getting at least one, if not more. In theory, you could cobble together a quasi-notional network by putting together several of these regional franchises

One option that definitely seems off the agenda is bring the British mediumwaye transmitter at Orfordness on 1296 kHz, as Radio Nationael did last year. We're awaiting confirmation, but it's almost certain that this transmitter will be doing regular daytime DRM transmissions of BBC World Service starting next week. This week, they're on the air in the evenings to femonstrate the service to delegates at the Radiocommunication Confessors in Geneva. Reception in Hilversum was superb on Monday evening (June 16th). encoded at 30.9 kbps. It's amazing to hear what sounds like an FM signal microded at 30.9 keps. It's unusuing to new wasse someton have un a containe out of an NRD-525 (or any other communications receiver) II

Wednesday June 25th

Commercial stations demand their own FM frequencies Five commercial radiostations institute proceedings against the Dutch authorities They ask for a new procedure demanding that the nation-wide FM summable may sak for a new processors remaining on the second committee frequencies will be re-distributed as they think the special Committee representing the Dutch government has not made the good decision. The case went for many hours. Radio 10 FM, Radio Nationsal, Arrow Classic Rock, 100 NL and NRG all missed the boot May 26th. Radso 10 FM, owned by John do Mol's Talpa, is the most prominent loser. The station is the longest serving Dutch commercial radio station being on air for already 15 years. Radio 10 lost its position in favour of Sky's Gouwe Ouwe Zender. Absolute wrong according to Radio 10's legal adviser. When it comes to putting an oldies station on air, Sky Radio is absolutely unexperienced without any knownledge. July 3rd a decision will be taken Friday June 27th

Veronica decides its future lies with SBS and Sky Radio Dutch commercial broadcaster Verenica has agreed to merge all its activities with SBS Broadcasting by, which runs the commercial TV channels SBS 6, NET 5 and V8. From 1 September 2003, V8 will be re-branded as Veronica 8. At the same time, Veronica has reached agreement with Sky Radio over the re-branding of the Gouwe Ouwe Zender Radio 103, the oldies station, as Radio Veronica 103 FM. This will create a formidable opponent for Radio 10 FM as it awaits a court decision on 3 July which could decide its future. Radio 10 FM believes it, and not Sky Radio, should have been awarded the oldies licence. Should Radio 10's plea be unsuccessful, the station will then have to rely on cable distribution and any terrestrial frequencies it can get by doing deals with other licence holders. The option of having the UK transmitter at Oriomess on 296 kHz is no longer available, as that frequency is now being used for DRM transmissions of BBC World Service.

Tuesday July 1st

Redto Nationaal closes down Today Radio Nationaal closed down its broadcasts via the Dutch cubic networks. Cable networks operators have tried to contact station-owner Rund Hendriks but didn't succeed Radio Nationaal's studio is being rebuilt in De-Hague to be used by Hofstad Radio FM

Wednesday July 2nd

It is said that British Laser Radio soon will start trees to the greater Amsterdam rea. Frequency is 1557 AM (via Rund Poeze's Quality Radio). Thursday July 3rd

A judge in Rotterdam has rejected an appeal by the unsuccessful budders for terrestrial commercial radio frequencies in The Netherlands. The highest rofile loser, Radio 10 FM, says it will continue broadcasting on mediumwaye 1395 AM (0400-1800 UTC), and via cable, Internet and the Astra satellite. But the station, which has the third largest market share of the Dutch commercial broadcasters, concedes on its Web site that "uncertainty continues" over its long term future. However, the station has decided not to give a detailed reaction until the judge gives detailed reasons for his decision to reject the appeal. That explanation is due some time next week. A spokeswoman would merely say that "it's too early to speculate over the future of the station." Next week or maybe later the judge will go into detail about which bidders fall out for good or (maybe all) which ones have another change: And no, Nationaal was not looking for a buyer. Nationaal had long talks with 192 about a cooperation. Rund Hendriks is one of the richest people, so with a partner they would go for a frequency owned maybe by Quality Radio or others who got one. No doubt the biggest loser is Radio 10 FM. To sum up, the following can be said: the decision of Talpa Radio, owners of Dutch commercial oldies station Radio 10 FM, to pursue their court case against the government despite having been given a lifeline by Sky Radio, was a very bad one. The case was all about Radio 10 FM's failure to secure a terrestrial broadcastone licence for the next eight years, despite being the number three commercial station with a market share of around 7% and a reach of 2 million listeners. On the face of it. that decision was hazarre. But not as buzarre as the one that its owners Talma Radio made. The successful applicant, Sky Radio, was lumny to talk to Radio 10 and a deal was agreed whereby Sky would take over the entire station, make a few adjustments to the formal and playlist, but otherwise leave it intact incredibly, only a few days later, Talpa Radio announced that it was still going increasely, only 2 has says some, raspe name amounted that it was some garge to court because it believed it, and not Sky Radio, should have been awarded the licence. But that wasn't all. The principle plank of the argument was some to be that Sky did not have the knowledge or experience to run an oldler stotion. Talk about biting the hand that feeds you! Sky Radio boss Torn Lathouwers was so angry that he pulled the play on the Radio 10 transmissions and launched his own station. So what now? So where does this leave Radio 10? In the short term, they can continue to operate on mediumwave in daytime. as long as Quality Radio agrees. But the crunch will come when the next listening figures are released: if they don't show a sudden drop in Radio 10% market share. And once Veronica 103 FM starts, with the advantage of almost national FM coverage, they'll have formidable competition

In the autums, a second round of licence allocations will take place, mostly involving remonal mediappscave and FM packages, but including a national FM channel. However, there is a clause attached to the latter, which streetstee that the licensee has to provide either a classical music or tazz service. Radio 538 has already expressed interest in running a classical station. There doesn't seem to be anything left for Radio 10. Dutch broadcasting is full of surprises and it looks as if Talpa Radio blew its best chance of keeping the Radio 10 brand alive when it decided to pursue its legal case. It has now lost not only the case, but also a great deal of the sympathy it had gained in the immediate aftermath of the licence amountements on May 23rd

Friday July 4th

Radio 192 saved from closing down Radio 192, one of the Dutch stations with no terrestrial frequency since early June, is being saved from an almost certain inevitable close down. The attaion will continue celebrating its 2nd anniversary. It's for sure that the transmissions via Dutch cable networks will continue. In addition Radio 192 will be seriously deliberating about the possibility of recommencing trus via a terrestric frequency. An option is AM but the station is also looking for regional FM frequencies which haven't been allocated yet. The station's management (Michael Bukker en Ad Bouman) tracked an agreement with a number of (Michael peacer or Ad Homen) resident an appearance of the day of the day after the station celebrated its 2nd anniversary. Using the slogan '2 Years Gold on your radio', the weekend of Fri July 4th, Sat July 5th & Sun July 6th the station past attention to its young but also rearing history so far. No less than 17 specials were arred including the Rolling Stones, The Beatley, The Hollies, The Beach Boys, Cliff Richard, Motowa, The Bee Gers, CCR, ARRA, Ouron. Merseybeat, Golden Earring and Stevie Wonder. One of the great achievements is that Radio 192 did succeed in getting a nation-wide coverage via cable networks in a very short period. Sun afternoon special munts the Trammes

Radio Nationaal resumes broadcasts After a short period of plence (three days), Radio Nationaal has mormed its trms vin the Dutch cable networks. Non-stop music is to be heard but for how long??

Tuesday July 8th

Rudio Paradits on 1584

were invited in the Radio 192 studios

Radio 103 takes over Radio Nationaal's cable frequencies As from July 10th Sky Radio will be taking over Radio Nationasi's cable frequencies. Sky Radio will use these freqs to give de Gouwe Ouwe Zender 103 nation-wide coverage. As from August 31st De Gerrue Orsue Zender will become Radio Veronica 103FM, Recently Sky Radio became councy of DistriNed BV. As a result is also owns all cable frequencies used by Radio

Ferry Moat, exit Rodio 10 FM After just over two months, Ferry Most is leaving Radio 10 FM already. A reason is not given but it looks like this has something to do with Radio 10 FM's failure to obtain a terrestrial FM package.

Dutch Radio Paradijs should commence trms on 1584 for the Greater Utrecht area starting July 24th Radio Paradijs is one of the stations founded by Ruud Poeze. A few years ago Paradijs had a short-level life on 1584. The 1 kW tx is saturated in Utrooht-Oost. Several freqs were allocated to Raud Pocze's Quality Radio organisation (see Made in Holland). A potted history: since May 5th 1999 tests are to be heard on 1584 AM under the name Radio Caroline The freq is from Radio Goodand (alter Okny FM, Radio 192) offering it for use to Rund Poeze. April 2000 the name is changed into 1584AM-The Bells. June 1st 2000 a start is made from the Utrecht location playing a formet of Jamesen's Oldres. September 2000 another name change new name is Radio Paradijs putting out presented pas from Oct. 2000 onweels. December 2000 the organisation discussen arose between the Radio Paradijs organisation and Radio Okay (Radio 192), the latter preferred to use 1584 itselves. Since Febr 2001 1584 AM is altent although there has been some testing using names such as Radio Paradii and Laser Hiot Hits.

Monday July 14th
Aking Ray Anderson how things are going with the new radio station that
Aking Ray Anderson how things are going with the new radio station that
should come on the air after getting a locence for the 1008 kHz, he replace: "We
are still working on the backing, but the project as locking very good and we
have also benefit of parties the results of the project as locking very good and we

are still working on the backing, but the project is looking very good and we are hopeful of getting the station on the air by the Auturn. So it seems looking good for the people at the project So have some patience!

Tuesday July 15th

Ray Anderson amounced a 1008 kHz test on Thursday July 17th. This sest is carried out to study the aerial patterns resulting in a better fine tuning for future broadcasts. Some time next autumn could see the commencement of regular Radio London tims.

Five of the main presenters have been announced for Dutch oldies station Radio Veronica 103 FM, which officially launches on 31 August 2003. Bart van Leeuwen, Ferry Maat, Kas van Jersel, Rob van Someren & Peter Teekaren. These names were revealed today the Verroira organisation as the new mesonters of Venezici FM 103 starting Aprilst 31st. The Import is headed by veteran DJ Ferry Mnat, who abruptly left Radio 10 FM a couple of weeks ago (declaring his sudden departure after only 2 months >> see July 8th). Also movine across from Radio 10 are Bart van Leeuwen and Peter Terkanin (who also presented the weekly Top 40 on Radio 192 earlier this year). Two other names amounced today are Kas van lersel (Yorin FM which took over from Veronica FM a few viers and and Rob van Someren (ex-Tros Radio 3 FM). Uanco Cerfontune, currently station manager at Radio 538, will assume the same position at Radio Veronica. The station will "soft launch" without presenters on August 1st, playing music from the 80's and 90's. The official opening on August 31st t will mark the 29th anniversary of Veror as an offshere station. Sky radio's General Managing-Director Ton Lati Radio Veronica has always played an important role in the Dutch radio world. Our goal is crystal-clear: Radio Veromoa must come to live regaining its former major position. I'm convinced we will succeed with the knowledge and experience of the new team Rob van Someren used to work for TROS Radio 3 FM and Peter Teckness He then mined Radio 10 FM but leaves the station after a mere 6 weeks. Via the Gouwe Orne Zender (= Radio 103) tremst frequencies and cable networks coverage, the new Radio Veronica will commence broadcasts very soon

Standay July 20th
Just before this magazine was printed, the following (interesting) news reached
but before this magazine was printed, the following (interesting) news reached
to PRIES SELE ASE 002 > Embaracond until 12.01 - 20th fully 2013 RADIO

as TREAS RELECTS ONLY Extraogram in 2017 and may so Rechest DURSON TEST BROWNERS AND A COUNTY OF THE RESPONSIBILITY OF THE RESPONSIB

plans to after the anisons pattern to produce a better signal into our target treas Radion Media Unrited would become reception reports from insystem in Funcy. We are mainly interested in reports from listeness using standard concerne equipment; i.e. Fid units, postable radio via our media's rather than full craps reports using communications equipment and long war somital Fluss either post them to the address at the top of this press relaxue of e-mail them to "standards from the sideness at the top of this press relaxue of e-mail them to "standards from the sideness at the top of this press relaxue of e-mail them to "standards from the sideness and the special standards."

PROGRESS REPORT:

We have received an enormous amount of correspondence, mainly by E-mail, many questions have been asked, and at your request, we are happy to give the following progress report:

Our find printing has been rather down. This time of year many people are away on venction and we have bot a flew weeks because of this. However, response has been very concuraging, despite what are difficult times for the radio industry. We now need to text cleaning delast ad this is what our team are currently feeturing on Opportunities to most an this propert are full available with investments starting at £10,000. Anyone interested should contact us ASAP.

On Thursday 17th July, 2003, our engineers made a full appraisal of the transmer site at Flevoland on the Netherlands. The site sides transmits of Dutch public brondeaster Radio 1 on 47th Rib 2 on any changes that we may wish to make lave to be compatible with their requirements. From our findings we can now evaluate the acrial patterns and work on commissioning a full

report on the antenna and recommend changes. We also evaluated the suitability of the AEG Telefunken 600 kolowati transmitter, which is 20 years old and may not be capable of producing positive peak modulations.

now until by many commercial broadcasters in Europe. So we need to assust the full report in order to make our fluid differentiation. The tests next Treading will also give our backers an indication of our agond arenged, when engocering adjustments are made at a later date, or engineers are confident that a further foll of organi will reach the UK. It is also our plans to broadcast in AM atterto which below set to recynitions of the AM dist.

water loses set forecamene en over any conpression of the second of the second of the second of the second Mexical tendors. Big L herards will be used to hunch on confident Mexical any second of the second of the second of the second of the Mexical Second of the second of the second of the second of the Commerciality, it is important to attent and places an audience, of hopefully I or 2 million lineares and not a ministry gravp, so emphasis will be on the muses and presenters whilst nettrining some of the mapic and drift that the oriented station resolution.

WEISTITE.
There is no official Radio Lendon website at the momest, although we are working on this at the moment. In order to avoid confusion, please ensure that all correspondence regarding the re-bunnet of Radio London to addressed to the contact phone numbers, fax and E-mail in this press release. For further comment or Lendonson elseen me Raw Anderson

01255 676252 or Fax. 01255 850528. E-mail: < http://www.bugk@radiofala.gom >.

Monday July 21st

Radion Media using 1008 tilt was observed today at of 6900 As tilt mensission from Ferro on 1008 tilt was observed today at of 6900 UTC the inoming. The transmission ended abrough at 6925 UTC. Officially, for the next sets is scheduled for Tessidy 22 tily at 11 to UTC in proparation for the next sets is scheduled for Tessidy 22 tily at 11 to UTC in proparation for the next sets in Settledia for Tessidy 22 tilly at 11 to UTC in proparation for the reasonassions of commercial broadcaster Radion before, which plans to breadcast to the UTC. The test with the made using the directional pattern genericasty used for Datch public network Radio 1, but will be made at the full opened 4400 kW (Radio 1 used 1109 kW). A low power test was lareally

conducted on Friday afternoon, according to radio at Listen to the test Radio 538 increases market share The Dutch radio listenine figures for May/June 2003 were published today by the research bureau Intomart. This is an odd period, as the new incences took effect on 1 June, so we'll have to wait another two months to see how the re-allocation of terrestrial frequencies has really affected the market shares of the various stations. But Rudio 538 as contambly satisfied: at saw are character to 11.5% compared to 10.7% for March/April. Sky Radio remains the mariest leader, but saw its share fall slightly from 13.4% to 13%. Nordzee FM also couned, on from 5.2% to 5.2%. Observers here note that Nordzec FM is using the old frequencies of Sky Radio, which could account for the gain, and the almost identical dron in the floure for Sky Radio, Radio 10 FM saw a slight fall in share from 7.1 to 6.9%, having lost its terrestrial FM frequencies half way through the period. The full effect of this loss will become apparent in the next floures for July/August due at the end of Sentember. These will, for the first me, include new entrants ID-T Radio, RTL FM and Radio Veronica 103 FM. The Internity figures in full for the May/June are to be found via <

www.gndom.POther Dutch Media News
Two well-known femer offithere jocks have joined oldies station Radio 10
Cher Dutch Mery Mass who pensed Radio 132 late 2002, is the new presenter
of the daily (seedshays) primes time 1606-190 hours in.c. Former Verorion and
the Arnagio jock Rarvi an Locewern De also such has mane If mit Bodder on Mi
off Arnagio jock Rarvi an Locewern De also such has mane If mit Bodder on Mi
organization and the state of the seed of the s

Veronica), Peter Hoglind (R.N.); and for van Herden (Neil Stevens on Moninger), Just 1 (2012), and for van Herden (Neil Stevens on Moninger). But van Leuwen & Ferry Maai presented their debuie shows on Rodge (19 PM May 18. FRS SPECIALE FEATURE: DIGITAL RADIO MONDIALE.

In the recent past we already covered the subject of DRM. Jane 16th saw the official introduction of DRM. In the following article an update about the future of AM radio...

Them have never been so many radio stations as now! People are listening.

There have never been as many radio stations as now! People are listering, more boung per week to radio than ever before? Audio distribution has never been more important. But the audience is also becoming more critical. The airrival of affordable CD players, MP-3 portables, the home theatre experience of the Digital Versalike Disc (DVD) as well as audio via the Internet, means

audiences come to better audto and perfect recention. Traditional bacodecome on long-, medium-, and shortwave fin other words below 30 MHz on the draft is challenged. For the moment, although at can travel yast distances, the stemal sounds mariled and often un-oven by the time it comes out of the receiver. In short. AM needs to sound better to survive. Fortunately an international consortium of engineers have been working since 1998 on making AM radio sound like FM! They have cherry-pecked some of the proven technologies accounted with the between and added a great deal of original receiped of their

The World Radso Network (WRN), the London-based international broadcaster and transmission service provider, has ioined the Digital Radio Mondiale (DRM) Consortium. DRM comprises broadcasters, network operators, manufacturers and researchers who have created a dustal system (also called DRM) for the broadcasting bands below 30 MHz, DRM is the world's only non-proprietary, directal system for short-wave, medium-wave and long-wave with the ability to use existing frequencies and bandwidth across the elobe WRN's participation brings DRM's membership to a record both of 81 members from 30 countries Karl Miosza, WRN's Managing Director said. "World Radio Network it delighted to be playing an active part in DRM which represents a combination of digital innovation and close cooperation between broadcasters around the world - two of the founding principles behind WRN. We have been a long-time proponents of the distribution of international. cross-border radio by innovative and sustainable digital platforms, be that the Internet, divital satellite, divital cable or mobile cell phone services in order to reach new listeners around the world. To this list we add DRM because we believe it is only to offer listeners increased choice in radio listening

combined with dietral endin analyse." Menday June 16th 2003 a date to remember in AM radio history. That day, the official launch of regular DRM transmissions took place in Geneva, Switzerland, home of the International Telecommunications Agency. Over the sears not much has happened to AM technology, Sure the transmission and receiving equipment has developed, but at the end of the day it is still analogue and still suffers from noise and interference. Well that is block to change with the official managed broadcasts of DRM International, national and local broadcasters simultaneously sent the world's first live, daily Diestal Radio Mondiale (DRM) broadcasts toward Geneva, and across the globe, on Monday evening (16/06). The event was celebrated in Geneva's Chiteau de Pearhen with representatives of all 80 broadcast members attending. With the flick of a switch, DRM Chairman Peter Senger marked DRM's debut at the glittevening reception.

Broadcasts sure made by International broadcasters BBC World Service Christian Vision, Deutsche Welle, Radio Canada International, Radio France htemationale, Radio Netherlands, Radio Vancana, Swethih Radio htemationale, Voice of America, Voice of Russia and Wales Radio International. Their DRM broadcasts reaching Europe, North America, the Middle East, Australia and New Zealand, Within Furone, national broadcasters DeutschlandRadio and Radio France, plus local station Georg-Simon-Ohm-Fachhoelschule in Nuremberg, also showcased DRM broadcasts on medium-wave/AM

Mr. Senser save: "DRM's introduction will former after the course of radio broadcasting. The fading noise and interference that how howeved broadcasting. The passing, notice and interperence this nave numperous enalogue broadcasting for decades will be replaced by DRM's excellent reception quality. DRM will create exciting new opportunities for broadcasters to expand their audiences and increase time spent listening." Coding Technologies GmbH has amounted that production of a second-concretion. DRM-capable, world band receiver is underway, for cistribution in late 2003, Further commercial DRM-carable receivers should become available in stores within two to three years. WRC delegates have also had the opportunity to hear live, DRM test transmissions in listening seconds at the European Broadcasting Union (EBU) early June and live, daily DRM broadcasts commenced on Tuesday 17th June, if you are interested in heiring DRM, you may have to wait a couple of years before radio sets are available to the public. Retrofit radios are available for those who can not wait

And what about receiving DRM? Introducine a brookthrough

WINRADIO has released the WINRADIO G303s, which it says is the first commercially available radio that can receive DRM with no hardware modifications. WinRadio says: "Just when you thought that there is nothing in shortwave that can surprise you anymore, here comes the new WINRADIO G3031 shortwave receiver. This new low-cost receiver (intended for experimenting and holdy use; continues in the fine tradition established by WiNRADIO's successful range of wide-band PC-based receivers. The "G3" stands for "the third generation": As the original, gward-winning first-generation WR-10001 receiver was the world's first commercially available wide-band receiver on a PC card when launched years are, the newly introduced WR-G303i is the world's first dedicated shorowire receiver on a PC (PCI hus) card. It is also the first commercially available receives where the extire final Intermediate frequency stage and an all-mode where the entire jung intermediate frequency stage uses on our-mount demodulator are entirely executed in software, running on a personal communer. The WoNRADIO G303s: A ground breaking shoroways receiver that will swely awaze you." Surf to < www.winnsho.com > for more info

DRM Consumer Receiver

The world-band consumer receiver, developed by Coding Technologies torother with the BBC and German device manufacturer AEG is based on a modular system design made un around standard corresponds. It is a moduction, ready OFM receive sample interruped in the case of a commercially available Sangean multi-band radio receiver. The DRM system also uses sacPlus™ by Coding Technologies as the standard sudio coding former ancPlus is a combination of MPEG AAC (Advanced Audio Coding) with Coding Technologies' groundbreaking SBR794 (Spectral Band Replication) handwidth extension algorithm. It's based on a DSP board, so all the decoding is done in the radio itself. One other interesting thing worth mentioning is that it has two front ends (one tuned to frequency A while the other front end scans for the best frequency B) which allows for AFS (Automatic Engagency Switching). The price of this unit has not yet been

DRM Software

* The DRM Software Radio application is now available via the DRMTH Software Radio Web site. It's a 12 Mb download and costs 60 euro. Technical reconsenses are even on the sate. Technical documentation is currently online for DRM modifications to the following receivers: KOM IC756 (English & German), Kenwood R1000 (English), Grupdig Yacht

Boy 400 (English & Spanish), JRC NRD 525 (English), Yaesu FRG-100 (English - MS Word document), AKD Target HF3 (English), AOR 7030 (German) & Sony ICF-SW77 (English). Except where stated, these documents are high-res and low-res PDF files. More

documents will be added as they are published. DRM Software Radio Project

The DRM Software Radio, designed for private use, is a downscaled version of an existing, professional Frauthofer receiver its features include: audio MPEG-4 AAC +SBR decoding, multimodia reception, selection of service and the possibility to log the reception quality (which can later be sent back to DRM). Its sucho decoding library has been provided by Coding molories.Radio enthusiasis may presser their interest in the Software Radio Project at a special Web site now under construction at www.drory.oec This project is being co-ordinated by VT Merlin Communications Ltd. When the project officially faunches in December, the Web site will be set up to support and distribute the software for a 2-year period, and to analyse received DRM transmissions. It will also contain a discussion forum, worked examples of receiver modifications, an analysis section, and general information about the project. A number of screen shots, such as the one below, are already on the site. Participants must meet the following technical criteria: Operating system: Windows 2000, Windows XP, or Windows 98, An AT-compatible PC with 500 MHz Intel Pontium processor (or equivalent), 64 MB RAM, 50 MB free disk space, 16-bit SoundBlaster (or compatible) soundcard that supports full duplex at 48 kHz sampling rate for input and output; the input must be without AGC (Automatic Gain Control); for example. Creative SoundBloster Level or TISB One" USB audio interface. Notebook soundcards are not always compatible, and a compatibility list will be published. A front-end receiver is also required, an AOR7030 or another receiver which can be modified. The modification is the addition of an extra circuit board to produce an extra Intermediate Frequency (IF) of 12kHz. Several companies already sell these conversion boards. Participants will need a receiver with a 12kHz IF, because this frequency is within the range of PC soundcards. Many radio receivers have an IF of 455kHz, so the extra circuit board mixes this down to the soundcard range. The PC soundcard is used to analyse the DRM signal

Radio Netherlands begins DRM transmissions from Flevo Since early June, Radio Netherlands is broadcasting its first resular divital shortwave service. The broadcast, at 0930-1225 UTC on 9590 kHz, carnes our English service and is beamed from Flevo towards Geneva, where Diental

Radio Mondiale (DRM) was officially launched. For more information on how to receive this, and other DRM transmissions, check out the dossier "A Listener's Guide to Divital AM" at the RNW website < Www.mw.ml/realradicollumit/mm.html > Pert of the info is also a complete up-to-date schedule of DRM becodeasts. The RNW digital transmissions are running aloneside their regular analogue services.

Thanks to: Hans Knot, Dr. Tim News, Media Network